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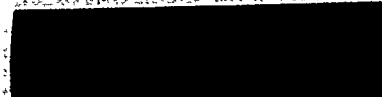
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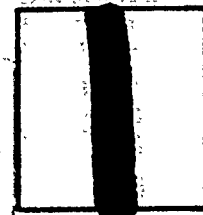


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USAFETAC/DS-81/061

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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FT RUCKER AL WBAN #03850
N 31 16 W 085 43 FLD ELEV 305 FT OZR WHO #

PARTS A-F
POR FROM HOURLY OBS: DEC 68 - DEC 70, JAN 73 - NOV 80
FOR FROM DAILY OBS: OCT 54 - NOV 80
TIME CONVERSION GMT TO LST: -6

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Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLON, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burghman

WALTER S. BURGHMAN
AWS Scientific and technical
Information Officer (STINFO)

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS-81/061	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for FT RUCKER, CAIRNS AAF, ALABAMA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*ALABAMA *FT RUCKER/CAIRNS AAF
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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DATA PROCESSING DIVISION
USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

DATA PROCESSING DIVISION
UNAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

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MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
03850	FORT RUCKER ALABAMA/CAIRNS AAF	N 31 16	W 085 43	305	OZR	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Camp Rucker AL/Ozark AAF	AAF	Nov 54	Apr 56	N 31 17	W 085 43	315	304 ft	24
2	Same	Same	May 56	Mar 58	Same	Same	Same	Same	24
3	Same	Same	Apr 58	Feb 59	Same	Same	Same	303 ft	24
4	Fort Rucker AL/Cairns AAF	Same	Mar 59	Oct 61	Same	Same	Same	Same	24
5	Same	Same	Nov 61	18 Aug 66	Same	Same	Same	297 ft	24
6	Same	Same	19 Aug 66	Dec 70	N 31 16	Same	Same	Same	24
7	Same	Same	Jan 71	Dec 78	Same	Same	305	Same	24
8	Same	Same	Jan 79	Apr 81	Same	Same	Same	296 ft	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 54	Located on top of Weather Station.	AN/GMQ-11	RO-2	25 ft	
2	May 56	Located in center section of field.	AN/GMQ-11	RO-2	15 ft	
3	Mar 59	Located in Complex of Runway.	Same	Same	13 ft	
4	May 60	Located 444 ft SW of the NW-SE Rnwy 675 ft E of the N-S Rnwy.	Same	Same	Same	
5	Mar 64	Located 600 ft SW of Rnwy 31 and 600 ft E of Runway 18.	Same	Same	Same	
6	Mar 69	Located 250 ft from centerline of Rnwy 13/31, 300 ft from centerline of Rnwy 06.	Same	Same	14.5 ft	
7	Dec 78	Located 250 ft from centerline of Rnwy 13/31, 300 ft from centerline of Runway 06.	GMQ-11	RO-2	Same	

USAF/TAC FORM 0 19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
8	Jan 79	Same	GMO-20	RO-362	13.5 ft	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

0385C

FT RUCKER AL

69-70,73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	00-02	.5	10.1		.4		10.5	18.8	.9			19.2	930
	03-05	.6	13.9		.5		14.4	24.3	.6			24.6	930
	06-08	.4	10.9	.4	.4		11.6	31.1	1.8			32.5	930
	09-11	.5	10.0		.8	.1	10.8	22.3	5.4			25.6	930
	12-14	.4	8.9		.8		9.5	10.0	3.5			12.7	930
	15-17	.2	10.1		.5	.1	10.6	8.5	3.3			11.2	930
	18-20	.9	10.5	.2	.2		11.0	8.8	1.2			9.9	930
	21-23	.5	11.0		.2		11.2	12.2	1.5			12.7	930
TOTALS		.5	10.7	.1	.5	.0	11.2	17.0	2.3			18.6	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03850

FT RUCKER AL

69-70,73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
FEB	00-02	.9	9.9		.4		10.3	14.1	1.7		.4	15.6	846
	03-05	.9	10.2		.5		10.5	16.3	1.8		.4	20.1	846
	06-08	1.5	10.2		.1		10.3	28.3	6.0		.6	33.1	846
	09-11	.4	7.6		.2		7.7	14.2	7.8		.7	21.0	846
	12-14	.5	7.1		.5	.1	7.2	6.0	4.8		.7	10.9	846
	15-17	.2	6.7		.5	.1	6.9	5.8	4.7		.7	10.2	846
	18-20	.7	6.9		.4		7.2	6.6	3.7		.4	9.7	846
	21-23	1.3	8.6		.4		9.0	8.4	2.6		.4	10.3	846
TOTALS		.8	8.4		.4	.0	8.6	12.7	4.1		.5	16.4	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03850

FT RUCKER AL

69-70, 73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02	3.2	10.4	.3	.2		10.8	17.1	1.2		.2	17.8	930
	03-05	4.0	10.2	.3		.1	10.6	23.7	.5			24.2	930
	06-08	3.5	9.9		.8		10.6	30.6	4.9			33.5	930
	09-11	1.4	7.1		.3		7.4	11.0	4.6		1.1	15.4	930
	12-14	2.4	7.8		.2		8.1	4.0	2.8		1.5	7.8	930
	15-17	1.8	10.0			.2	10.0	7.1	1.4		.6	8.9	930
	18-20	2.4	11.6		.1	.2	11.6	8.4	.9			9.1	930
	21-23	2.5	9.7	.1			9.8	9.1	1.5			10.4	930
TOTALS		2.7	9.6	.1	.2	.1	9.9	13.9	2.2		.4	15.9	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03850

FT RUCKER AL

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02	1.3	5.6				5.6	13.7	1.0			13.8	900
	03-05	1.6	4.4				4.4	21.8	1.2			22.3	900
	06-08	2.1	6.0				6.0	23.6	3.3			25.3	900
	09-11	2.0	6.0				6.0	4.6	3.3		.6	7.4	900
	12-14	1.8	5.1				5.1	2.6	1.2		1.6	5.1	900
	15-17	2.6	8.1				8.1	3.7	1.2		2.0	6.8	900
	18-20	2.3	7.2				7.2	3.1	1.1		.2	4.9	900
	21-23	1.8	4.8				4.8	4.6	.9			5.3	900
TOTALS		1.9	5.9				5.9	9.8	1.7		.6	11.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03850

FT RUCKER AL

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.7	3.8				3.8	12.2	2.0			13.5	930
	03-05	2.3	5.3				5.3	34.4	4.7			35.8	930
	06-08	1.5	4.5				4.5	34.4	18.6			44.2	930
	09-11	2.3	6.0				6.0	4.2	11.2			14.4	930
	12-14	4.8	6.0				6.0	2.3	5.7			7.5	930
	15-17	5.1	7.5				7.5	3.1	4.7			7.2	930
	18-20	3.3	6.3				6.3	3.5	5.1			8.2	930
	21-23	2.4	3.8				3.8	3.4	1.9			5.4	930
TOTALS		2.9	5.4				5.4	12.2	6.7			17.0	7440

GLOBAL CLIMATOLOGY BRANCH
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69-70,73-80

JUN

STATION

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MONTH

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MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.7	1.1				1.1	8.4	5.8			12.1	900
	03-05	.9	2.3				2.3	34.1	12.0			37.5	899
	06-08	.9	2.4				2.4	30.6	25.6			45.4	900
	09-11	2.0	2.1				2.1	1.7	14.7			15.9	900
	12-14	6.3	6.6				6.6	.6	11.0			11.4	900
	15-17	11.4	8.1				8.1	1.2	9.8			10.8	900
	18-20	5.6	5.6				5.6	2.0	7.0			8.4	900
	21-23	2.2	1.9				1.9	2.7	3.3			5.3	900
TOTALS		3.8	3.8				3.8	10.2	11.2			18.4	7199

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

03850 FT RUCKER AL

69-70, 73-80

JUL

STATION

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MONTH

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MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	00-02	.8	2.8				2.8	12.8	6.9			17.0	929
	03-05		2.6				2.6	40.2	13.0			43.2	930
	06-08	.5	4.0				4.0	36.9	29.0			53.0	930
	09-11	1.9	4.2				4.2	3.5	20.1			21.9	930
	12-14	9.6	9.2				9.2	1.0	17.0			18.0	930
	15-17	13.4	10.6				10.6	.9	16.9			17.5	930
	18-20	8.4	9.6				9.6	3.4	13.8			16.5	930
	21-23	3.7	5.2				5.2	3.3	5.3			7.7	930
TOTALS		4.8	6.0				6.0	12.8	15.3			24.4	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03850

FT RUCKER AL

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
AUG	00-02	1.2	1.6				1.6	14.7	5.5			18.1	930
	03-05	.5	1.1				1.1	41.9	11.1			45.7	929
	06-08		1.9				1.9	43.5	27.1			57.4	930
	09-11	1.1	2.7				2.7	3.3	18.0			19.8	930
	12-14	8.4	9.4				9.4	.6	9.8			10.3	930
	15-17	9.6	9.9				9.9	1.2	8.2			9.2	930
	18-20	7.8	9.6				9.6	3.8	8.5			11.4	930
	21-23	1.0	1.8				1.8	5.5	3.9			8.7	930
TOTALS		3.7	4.8				4.8	14.3	11.5			22.6	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03850 FT RUCKER AL

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.3	4.0				4.0	14.3	8.0			19.8	900
	03-05	.7	4.7				4.7	32.8	10.9			38.2	900
	06-08	.7	5.1				5.1	46.6	23.9			58.5	899
	09-11	.9	5.7				5.7	6.9	20.0			25.6	900
	12-14	3.2	8.1				8.1	2.7	14.9			17.6	900
	15-17	6.0	8.9				8.9	4.0	13.9			17.1	900
	18-20	4.0	7.4				7.4	4.6	9.6			13.4	900
	21-23	1.0	5.1				5.1	7.0	6.7			12.3	900
TOTALS		2.1	6.1				6.1	14.9	13.5			25.3	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03850

FT RUCKER AL

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.4	4.1				4.1	9.1	.6			9.7	930
	03-05	.3	4.5				4.5	13.5	2.4			14.5	930
	06-08	.3	5.6				5.6	30.4	12.2			36.1	930
	09-11	.5	4.8				4.8	6.8	9.9			15.8	930
	12-14	.5	5.8				5.8	3.3	2.9			6.0	930
	15-17	.2	3.8				3.8	2.7	3.4			6.1	930
	18-20	.2	3.4				3.4	2.7	.5			3.2	930
	21-23	.1	2.6				2.6	3.7	.5			4.1	930
TOTALS		.3	4.3				4.3	9.0	4.1			11.9	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03850 FT ROCKER AL

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02	.1	6.7				6.7	17.9	.2			18.0	899
	03-05	.8	5.8				5.8	21.9	.4			22.1	900
	06-08	.7	7.3				7.3	34.2	5.0			37.2	900
	09-11		6.7				6.7	13.2	6.8			18.4	900
	12-14	.2	6.8				6.8	5.0	3.8			8.7	900
	15-17	.8	6.1				6.1	6.6	3.0			9.1	900
	18-20	.4	5.1				5.1	6.6	.9			7.1	897
	21-23	.2	4.5				4.5	10.7	.7			10.9	897
TOTALS		.4	6.1				6.1	14.5	2.6			16.4	7193

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03850 FT RUCKER AL

68-70,73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	1.3	9.9		.1		10.0	13.3	.1			13.4	930
	03-05	.3	8.5				8.5	17.3				17.3	930
	06-08	.5	8.6				8.6	21.1	1.2			21.9	930
	09-11	.6	8.0				8.0	13.2	3.0		.3	15.9	930
	12-14	.8	8.1				8.1	8.1	1.7			9.7	929
	15-17	.9	8.0				8.0	7.3	1.8		.1	9.0	930
	18-20	.8	6.8				6.8	5.8	.5			6.3	926
	21-23	.6	7.0				7.0	8.0	.2			8.1	927
TOTALS		.7	8.1		.0		8.1	11.8	1.1		.1	12.7	7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03850 FT RUCKER AL

68-70, 73-80

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.5	10.7	.1	.5	.0	11.2	17.0	2.3			18.6	7440
FEB		.8	8.4		.4	.0	8.6	12.7	4.1		.5	16.4	6768
MAR		2.7	9.6	.1	.2	.1	9.9	13.9	2.2		.4	15.9	7440
APR		1.9	5.9				5.9	9.8	1.7		.6	11.4	7200
MAY		2.9	5.4				5.4	12.2	6.7			17.0	7440
JUN		3.8	3.8				3.8	10.2	11.2			18.4	7199
JUL		4.8	6.0				6.0	12.8	15.3			24.4	7439
AUG		3.7	4.8				4.8	14.3	11.5			22.6	7439
SEP		2.1	6.1				6.1	14.9	13.5			25.3	7199
OCT		.3	4.3				4.3	9.0	4.1			11.9	7440
NOV		.4	6.1				6.1	14.5	2.6			16.4	7193
DEC		.7	8.1		.0		8.1	11.8	1.1		.1	12.7	7432
TOTALS		2.1	6.6	.0	.1	.0	6.7	12.8	6.4		.1	17.6	87629

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

03850 FT RUCKER AL 54-80 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY	6.5	45.8	1.0	2.7	.1	47.1	48.9	18.0			52.7	806
FEB		8.7	43.8	.3	1.9	.1	44.5	45.6	18.8		.1	50.5	735
MAR		16.4	44.5	.4	1.2	.2	45.0	46.8	16.9		.6	50.2	806
APR		14.5	32.9			1.0	32.9	45.0	16.2		.3	47.9	780
MAY		24.2	35.9			.2	35.9	52.8	25.1			55.4	805
JUN		36.5	44.9				44.9	54.4	32.4			59.6	780
JUL		52.8	57.1				57.1	59.1	31.4			62.9	805
AUG		42.7	47.8			.2	47.8	63.0	34.7			67.7	806
SEP		19.5	39.1			.1	39.1	57.2	32.0			61.3	778
OCT		5.3	23.7				23.7	40.9	22.6			45.4	819
NOV		5.6	33.1		.2		33.1	45.7	19.3			48.6	810
DEC		5.2	39.3		.6		39.5	42.4	12.0			44.9	806
TOTALS		19.8	40.7	.1	.5	.2	40.9	50.1	23.3		.1	53.9	9536

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- *1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- *2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION FT RUCKER AL STATION NAME 54-80 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	57.5	14.4	2.1	5.2	2.6	8.6	4.5	5.6	3.8	.7				73.1	806	4.80	9.70	.70
FEB	55.1	12.1	2.3	3.3	3.9	5.4	5.2	6.5	5.4	.8				32.8	735	5.26	9.97	1.08
MAR	57.8	13.4	1.9	4.7	1.2	5.5	5.9	6.1	5.9	.7				32.8	806	5.87	17.79	.64
APR	66.7	10.3	1.3	2.7	2.1	3.6	3.4	4.1	4.7	.5	.3			23.1	760	4.82	14.52	.59
MAY	73.3	9.9	1.9	3.6	3.1	4.6	5.3	4.5	2.9	.9	.1			26.8	806	4.20	11.67	.05
JUN	74.1	13.1	2.2	5.0	4.2	6.7	4.9	5.9	3.1	.9				32.8	780	4.48	9.99	.63
JUL	41.9	11.5	3.2	3.4	6.0	9.3	8.9	7.4	2.7	.4				46.4	806	4.89	11.31	1.68
AUG	51.5	1.8	2.1	7.3	4.0	9.2	7.6	4.3	2.9	.4				37.7	806	4.25	12.97	1.00
SEP	67.8	9.1	2.4	4.5	3.6	5.9	5.5	4.4	2.8	.6	.3			30.1	778	4.48	11.57	1.11
OCT	75.9	6.5	1.1	3.4	2.7	3.7	2.2	2.6	2.2	.4	.1			17.6	819	2.90	10.71	.00
NOV	66.7	10.4	1.9	4.1	2.3	4.2	3.3	4.4	3.2	.1				23.6	810	3.17	6.87	.13
DEC	60.0	9.4	1.7	5.0	3.6	6.6	4.7	4.6	3.5	.7	.1			30.5	806	4.48	9.11	.84
ANNUAL	58.5	10.9	2.0	4.8	3.3	6.1	5.1	5.0	3.6	.6	.1			30.6	9538	53.60		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

0365C FT RUCKER AL
STATION

54-80

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC.	ALL MONTHS
54										.03	.44	1.10	
55	.87	1.30	.44	4.48	3.58	1.47	1.86	1.59	.37	.70	.92	.29	4.48
56	1.59	3.25	2.95	1.15	2.51	.84	1.06	.78	8.39	.84	.06	2.58	8.39
57	.57	.64	1.24	2.30	.88	2.92	.52	.86	2.66	1.38	2.27	.64	2.92
58	1.14	1.04	1.33	2.58	.66	1.35	.87	.85	2.70	.23	.70	.65	2.70
59	2.02	1.68	2.63	.95	1.29	.60	1.49	1.22	.99	4.18	.57	1.34	4.18
60	.75	2.72	1.22	2.40	1.04	.95	1.39	1.75	4.00	.33	.78	.64	4.00
61	1.02	1.60	1.84	3.96	1.33	3.90	1.27	4.30	.67	.00	.52	1.93	4.30
62	4.01	2.94	4.60	1.71	.19	1.07	1.27	2.94	2.10	2.07	2.12	1.53	4.60
63	1.94	4.44	.82	2.27	.62	2.00	1.86	.76	5.09	.13	2.00	1.37	5.09
64	2.47	1.26	2.79	2.28	3.23	1.30	2.79	1.44	3.11	3.23	1.11	5.66	5.66
65	1.15	2.30	1.14	.92	.03	.88	.64	1.70	1.12	2.11	.85	.72	2.30
66	1.51	2.40	.88	1.84	1.62	3.30	.72	.98	1.95	.49	1.81	1.46	3.30
67	2.02	1.97	.84	.40	1.27	1.78	1.76	.75	.58	5.32	1.43	3.57	5.32
68	1.27	.63	1.85	1.75	1.12	.45	.99	2.35	.41	.57	1.20	1.71	2.35
69	.36	1.68	1.71	.67	3.66	1.35	1.78	.81	3.32	.63	.56	2.95	3.66
70	1.01	1.66	2.18	.83	.22	3.76	.84	2.10	.74	1.62	.71	1.51	3.76
71	.98	3.04	1.85	1.75	2.72	.95	.92	1.71	1.15	.17	2.58	3.80	3.80
72	.84	1.61	1.14	.48	2.53	3.21	.80	.22	.96	1.65	2.26	2.54	3.21
73	1.82	2.02	2.05	1.20	5.37	2.53	.78	1.03	1.53	.31	1.22	2.31	5.37
74	3.43	2.90	1.92	1.40	.78	1.14	1.05	1.00	.88	.52	1.78	.79	3.43
75	1.41	.96	1.69	6.45	1.84	1.01	2.74	1.73	2.25	1.74	1.67	.69	6.45
76	2.07	1.43	1.70	3.23	1.68	.97	1.22	.76	.82	2.45	2.23	1.43	3.23
77	1.43	1.09	1.24	.66	.58	1.01	1.00	2.62	1.54	1.08	1.06	.65	2.62
78	3.32	1.07	1.97	1.56	3.13	2.34	1.22	1.49	.79	TRACE	1.94	1.71	3.32
79	3.00	2.34	1.49	1.82	1.02	.77	2.69	.67	2.14	.25	1.49	.90	3.00
80	1.66	.49	4.35	1.84	1.12	1.28	.36	1.46	.60	2.38	.95		
MEAN	1.675	1.864	1.860	1.957	1.693	1.659	1.303	1.457	2.010	1.325	1.305	1.710	4.058
SD	.931	.946	.978	1.361	1.296	1.011	.663	.873	1.792	1.348	.683	1.229	1.408
TOTAL OBS.	806	735	806	780	806	780	806	806	778	819	810	806	9538

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0885 (OLA)
JUL 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

03850 FT RUCKER AL STATION NAME

54-80 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
54										.03	1.49	2.88	
55	2.69	3.03	.64	7.83	5.47	3.14	5.39	2.58	1.28	1.31	1.46	.84	35.66
56	3.36	7.15	7.39	1.79	4.87	2.77	5.21	2.41	11.57	1.99	.13	9.11	57.75
57	1.60	1.81	4.02	7.04	5.23	6.74	2.49	1.76	10.41	2.05	5.59	1.33	50.07
58	4.57	3.46	4.42	5.22	1.48	5.03	6.32	3.76	7.47	.64	1.75	2.85	46.97
59	5.03	5.75	5.72	2.78	5.34	1.78	4.55	3.77	3.89	10.71	1.35	3.13	53.85
60	2.77	7.88	4.36	3.56	2.27	3.64	4.38	4.51	7.15	.95	1.33	2.52	50.32
61	3.55	5.86	7.52	8.28	2.60	6.85	4.24	12.97	1.55	.00	1.44	5.69	60.55
62	7.90	7.49	7.92	4.58	.37	5.28	4.38	4.68	4.47	4.33	5.26	4.56	61.22
63	5.53	6.51	1.98	3.22	2.12	9.09	6.66	2.16	7.38	.13	3.93	4.48	53.19
64	7.49	5.33	5.92	7.52	4.13	4.10	8.65	5.90	4.22	7.20	3.21	8.25	71.92
65	2.02	6.67	6.24	1.71	.05	2.91	3.49	5.12	4.55	3.36	1.56	2.23	39.91
66	6.78	9.97	2.29	3.14	7.03	5.25	2.77	3.95	3.42	1.35	4.42	5.86	56.23
67	5.13	4.55	2.26	.59	2.96	5.13	4.26	1.39	1.11	10.28	1.49	6.86	46.51
68	3.16	2.72	3.01	3.83	2.85	.63	4.80	6.30	1.28	.68	4.76	5.74	39.76
69	.70	4.33	5.99	2.52	7.59	1.95	7.91	2.58	5.48	.89	1.40	6.61	47.95
70	3.29	5.28	9.29	1.55	.48	7.91	3.76	7.61	1.71	6.12	1.47	3.81	52.28
71	2.03	8.87	5.33	5.89	6.24	3.27	6.11	4.91	1.48	.25	3.41	7.34	55.13
72	3.28	5.14	5.75	.64	4.41	6.89	1.68	1.00	1.62	1.76	6.87	7.39	46.42
73	7.20	4.69	11.52	4.29	11.67	8.35	2.89	3.21	4.43	.71	2.79	8.92	70.67
74	7.28	7.50	4.59	3.97	3.03	4.59	4.57	5.04	3.03	.69	3.59	2.45	50.33
75	4.87	4.11	5.87	14.52	6.79	4.47	11.31	4.22	4.41	5.32	4.91	2.45	73.25
76	4.18	2.76	7.32	4.46	6.17	4.23	2.24	2.47	3.40	9.17	6.68	3.59	56.67
77	5.16	2.52	6.30	1.60	.98	2.49	5.07	8.85	5.33	1.87	4.98	2.48	47.63
78	9.70	3.21	5.48	4.73	7.36	5.24	4.74	3.24	1.55	TRACE	3.13	2.18	50.56
79	9.55	9.21	3.67	6.42	3.25	1.17	7.51	2.17	9.82	.38	5.34	2.80	61.29
80	6.05	1.08	17.79	8.61	4.57	3.64	1.70	3.89	3.43	3.22	1.93		
MEAN	4.835	5.265	5.869	4.821	4.204	4.482	4.888	4.245	4.480	2.898	3.173	4.475	53.424
S D	2.400	2.370	3.398	3.177	2.716	2.197	2.236	2.577	3.020	3.263	1.881	2.432	9.531
TOTAL OBS.	806	735	806	780	806	780	806	806	778	819	810	806	9538

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0885 (OLA)
JUL 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

03850
STATION

FT RUCKER AL
STATION NAME

54-80
YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	010.4	051.4	152.4	253.4	354.4	456.4	6510.4	10515.4	15525.4	25550.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	57.5	2.0	.1			.1								.2	306	.1	2.9	.0
FEB	58.1	1.5		.3			.1							.4	735	.2	4.9	.0
MAR	59.9	.9	.2											.2	806	TRACE	.4	.0
APR	100.0														780	.0	.0	.0
MAY	100.0														806	.0	.0	.0
JUN	100.0														780	.0	.0	.0
JUL	100.0														806	.0	.0	.0
AUG	100.0														806	.0	.0	.0
SEP	100.0														778	.0	.0	.0
OCT	100.0														819	.0	.0	.0
NOV	59.2	.2													810	TRACE	TRACE	.0
DEC	59.3	.7													806	TRACE	TRACE	.0
ANNUAL	99.5	.5	.1	.0		.0	.0							.1	9538	.3		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

03850 FI RUCKER AL STATION STATION NAME

54-80 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54										*	.0	.0	.0
55	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
58	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
59	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
71	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.4
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.9
78	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	.12	.18	.03	.00	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.33
S D	.569	.806	.696	.000	.000	.000	.000	.000	.000	.000	.000	.000	.980
TOTAL OBS	806	735	806	780	806	780	806	806	778	819	810	906	9539

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)
JUL 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

03850 FT RUCKER AL
STATION STATION NAME

54-80 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC.	ALL MONTHS
54													
55	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
58	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
59	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
71	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.9
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.4
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.9
78	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	.12	.21	.03	.00	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.36
S D	.569	.962	.096	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.112
TOTAL OBS	806	735	806	780	806	780	806	806	778	819	810	806	9538

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 088 5 (OLA)
JUL 64

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

03850 FT RUCKER AL 54-80
STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	.02-.05	06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.5	.4		.1										.1	616			
FEB	99.7	.1				.1								.1	735			
MAR	99.9	.1													806			
APR	100.														780			
MAY	100.														806			
JUN	100.														780			
JUL	100.														806			
AUG	100.														706			
SEP	100.														778			
OCT	100.														819			
NOV	100.														810			
DEC	100.														806			
ANNUAL	99.9			.0		.0								.0	9538			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

03850

FT RUCKER AL

54-80

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC.	ALL MONTHS
54													
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
58	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	TRACE	0	0	0	0	0	0	0	0	0	0
MEAN	.1	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
S D	.392	.981	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.061
TOTAL OBS	806	735	806	780	806	780	806	806	778	819	810	806	9538

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)
JUL 84

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for mean wind speed are based on measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

03850 FT RUCKER AL
STATION

54-80
STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
54													
55											N 29	N 42	
56	N 28	SW 37	NW 33	NNW 43	N 42	SSW 25	SSW 29	ENE 22	NE 38	ESE 23	NW 26	NNW 27	NNW 43
57	WSW 27	WSW 26	E 32	ON 30	SSW 29	SSW 27	NNW 37	E 32	E 22	NNW 22	S 34	NW 39	NW 38
58	NNW 30	W 35	E 27	W 38	SSW 30	SSW 23	SW 25	NNW 20	W 36	NNW 16	NNW 45	ESE 14	NNW 45
59	WSW 40	W 21	SSE 32	S 26	NNW 43	SSW 29	W 38	E 26	W 34	WSW 30	NNW 28	NNW 30	NNW 43
60	ESE 34	WSW 39	WSW 34	E 30	WSW 30	NNW 40	NNW 39	S 37	NNE 27	SSE 24	NW 23	NW 32	NNW 40
61	NW 34	WSW 35	SSE 49	NNW 49	SSW 27	N 36	NNW 24	ESE 29	WSW 17	N 23	WSW 37	WSW 36	SSE 49
62	W 36	NNW 30	NNW 35	NNW 40	NNW 23	W 34	WSW 50	N 32	ENE 25	N 28	NNW 22	W 25	WSW 50
63	NNW 36	NNE 46	SW 30	W 38	W 24	W 36	NNW 25	ENE 21	NW 21	NNW 30	W 23	NNE 46	NNE 46
64	NNW 35	W 31	S 39	SSW 43	NNE 27	SSW 30	SSW 32	SSW 30	N 29	SSW 33	SSW 30	SSW 38	N 43
65	SSW 36	W 40	S 51	N 27	WSW 20	SSW 27	W 24	F 31	E 30	N 24	SSW 26	N 29	S 51
66	NNW 34	WSW 37	NNW 40	WSW 35	N 37	NNE 31	SSW 30	SSW 25	W 31	NNW 23	NNW 30	W 26	NNW 40
67	SSW 25	NNW 25	S 26	SSW 24	W 33	SSW 32	WSW 32	ESE 24	ESE 22	ESE 21	SSW 28	NNW 23	W 33
68	WSW 24	NNW 26	SSW 32	NNW 38	NNW 28	N 26	SSW 34	SSW 52	SSW 20	SSW 23	SSW 30	SSW 37	SSW 52
69	36/ 25	10/ 36	16/ 39	21/ 37	31/ 27	23/ 46	35/ 36	13/ 32	8/ 31	17/ 26	34/ 28	24/ 35	23/ 46
70	33/ 27	33/ 33	12/ 36	30/ 37	12/ 22	3/ 22	31/ 27	16/ 45	34/ 26	12/ 18	26/ 27	20/ 32	16/ 45
71	32/ 40	17/ 44	30/ 37	33/ 53	23/ 51	31/ 44	20/ 24	16* 32	4* 12	33/ 20	36/ 21	36/ 24	33/ 53
72	23/ 26	32/ 31	27/ 64	25/ 93	31/ 26	30/ 34	9/ 36	8/ 24	20/ 27	7/ 22	12/ 30	33/ 26	27/ 64
73	13/ 26	33/ 27	20/ 38	19/ 32	24/ 62	36/ 50	30/ 30	13/ 34	12/ 26	27/ 21	32/ 32	18/ 35	24/ 62
74	21/ 34	20/ 37	30/ 31	30* 45	13/ 26	27/ 33	36/ 32	21/ 36	27/ 24	36/ 20	27/ 40	30/ 27	30* 45
75	19/ 38	21* 35	22/ 37	31/ 33	24/ 50	20/ 32	12/ 32	12/ 37	15/ 71	17/ 39	31/ 26	15/ 31	15/ 71
76	32/ 26	19/ 33	26/ 40	25/ 27	25/ 31	34/ 26	8/ 29	33/ 40	28/ 23	32/ 24	30/ 23	33/ 29	26/ 40
77	31/ 30	29/ 56	28/ 31	19/ 36	24/ 23	31/ 52	5/ 31	17/ 38	12/ 43	29/ 42	30/ 27	23/ 28	29/ 56
78	22/ 40	22/ 31	18/ 29	28/ 49	31/ 30	26/ 30	15/ 27	11/ 23	13/ 20	33/ 22	18/ 24	31/ 38	28/ 48
79	28/ 39	26/ 29	13/ 29	30/ 42	27/ 28	14/ 25	36/ 27	9/ 24	13/ 30	33/ 27	17/ 23	35/ 29	30/ 42
80	33/ 27	32/ 31	33/ 35	33/ 42	19/ 33	30/ 27	3/ 31	4/ 23	1/ 33	30/ 29	7/ 26		
MEAN	31.9	34.0	36.5	36.5	32.6	33.1	31.8	31.5	30.0	24.8	29.1	30.3	46.4
S D	5.472	7.599	8.393	7.701	10.112	8.086	5.895	8.010	10.760	6.266	5.696	5.013	8.309
TOTAL OBS	771	694	765	743	761	738	757	734	700	750	769	765	8947

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0885 (OLA)

% (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70, 73-80 YEARS JAN MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.2	3.8	.8								11.7	6.0
NNE	1.9	2.0	.2									4.2	3.7
NE	2.6	2.5	.5	.1								5.7	4.2
ENE	2.2	2.5	.9									5.5	4.1
E	1.2	2.5	1.7									5.4	5.4
ESE	1.8	.6	.9									3.3	4.2
SE	.8	1.9	.8									3.4	5.0
SSE	.6	1.5	.8									2.9	5.3
S	2.0	1.5	.4	.1								4.1	4.1
SSW	1.2	1.6	1.0	.1								3.9	5.2
SW	.6	1.3	.2	.2								2.4	5.0
WSW	1.0	1.1	.1	.2	.1							2.5	5.2
W	1.5	1.3	.4	.3								.5	5.0
WNW	.8	1.7	1.6	.5	.4							5.1	7.6
NW	2.4	4.3	2.4	1.0								10.0	6.0
NNW	1.5	3.4	1.8	.4								7.2	5.8
VARBL													
CALM												19.2	
	24.1	34.9	17.4	3.8	.5							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 FT RUCKER AL 69-70,73-80 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	4.6	2.6	.6								10.2	5.5
NNE	1.8	2.9	1.2									5.9	4.5
NE	2.6	5.1	.4									8.1	4.2
ENE	2.5	3.7	.8	.1								7.0	4.3
E	1.6	1.9	2.2									5.7	5.5
ESE	.6	1.8	.5	.1								3.1	5.4
SE	.5	1.6	1.1									3.2	5.5
SSE	.2	.9	.5	.1								1.7	5.8
S	2.0	1.5	.1									3.7	3.5
SSW	.9	.6	.1	.1		.1						1.8	5.4
SW	.8	.9	.3	.4								2.4	6.0
WSW	1.3	1.1	.4	.1								2.9	4.4
W	1.0	1.5	.3	1.2	.1							4.1	7.2
WNW	.9	2.2	.6	1.0								4.6	6.6
NW	1.4	3.4	2.6	1.6	.2							9.2	7.2
NNW	1.2	3.4	2.6	.8								8.0	6.6
VARBL													
CALM												18.4	
	21.6	37.1	16.3	6.1	.3	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS JAN MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.8	2.7	.5								8.5	5.9
NNE	1.9	3.3	1.4	.2								6.9	5.0
NE	3.8	3.9	.9									8.5	3.9
ENE	2.3	3.9	1.6	.1								7.8	4.8
E	2.3	2.9	2.3	.1								7.5	5.2
ESE	.9	1.1	1.1									3.0	5.0
SE	.5	1.5	1.1	.1								3.2	5.7
SSE	.8	1.1	1.1	.2								3.1	5.9
S	1.6	1.8	.6	.1								4.2	4.3
SSW	.8	.6										1.4	3.6
SW	1.1	.4		.1								1.6	4.1
WSW	.9	1.1	.4		.1							2.5	5.2
W	1.0	1.4	1.1	.4								3.9	6.4
WNW	.5	2.0	1.0	.6								4.2	6.8
NW	.9	2.8	1.8	2.3	.1							7.8	8.3
NNW	1.6	3.7	2.7	1.1								9.0	6.5
VARBL													
CALM												16.8	
	22.2	35.3	19.7	5.9	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

C3850 STATION FT RUCKER AL STATION NAME 69-70, 73-80 YEARS JAN MONTH
C900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.5	3.1	1.1	.2							9.2	7.0
NNE	1.0	3.5	1.6	.2								6.3	5.6
NE	1.5	2.4	.4									4.3	4.2
ENE	2.2	3.0	3.0	.2								8.4	5.5
E	2.7	4.8	3.2	.3								11.1	5.4
ESE	1.3	2.6	1.7	.4								6.0	6.2
SE	.8	1.4	1.2	.5								3.9	6.8
SSE	.5	1.2	1.8									3.5	6.5
S	.6	2.3	2.4	.3								5.6	6.7
SSW	.9	1.8	1.0	.1								3.8	5.3
SW	.1	1.1	1.0	.1								2.3	6.2
WSW	.5	1.1	.3	.3								2.3	5.8
W	1.1	1.3	2.4	.4								5.2	6.8
WNW	.9	1.3	2.5	.8	.1							5.5	7.6
NW	.1	1.6	3.2	2.6	.2							7.7	9.5
NNW	1.5	2.2	4.3	1.6	.1							9.7	7.7
VARBL													
CALM												5.3	
	16.9	35.1	33.1	9.0	.6							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

036 7 STATION FT RUCKER AL 69-70, 73-80 YEARS JAN MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.Y.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.8	3.0	3.2	1.1								9.1	6.4
NNE	.5	1.9	.4	.1								3.1	5.0
NE	.6	.8	.9									2.3	5.3
ENE	1.5	2.4	1.5	.2								5.6	5.4
E	1.8	2.4	2.9	.2								7.3	5.6
ESE	.6	1.3	1.1									3.0	5.5
SE	.3	2.4	1.2	.1								4.0	5.9
SSE	1.4	1.9	1.9	.1								5.4	5.8
S	1.1	2.9	2.9	1.3	.1							8.3	7.3
SSW	1.0	1.0	2.9	1.2	.5							6.6	9.0
SW	.6	1.2	.9	.6								3.3	7.2
WSW	.5	1.4	1.1	1.0								4.0	7.4
W	1.0	2.4	1.8	1.1								6.2	7.2
WNW	.6	2.0	3.2	1.9	.1							8.0	8.5
NW	.4	2.6	3.5	3.0	.6							10.2	9.5
NNW	.8	3.3	3.9	1.8								9.8	7.7
VARM													
CALM												3.9	
	14.8	32.8	33.3	13.8	1.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Q3850 STATION FT RUCKER AL 69-70,73-80 YEARS JAN MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.5	3.7	.8								9.7	6.4
NNE	1.5	1.7	.3	.1								3.7	4.5
NE	1.3	1.5	.4									3.2	4.1
NNE	2.4	1.5	.6									4.5	4.0
E	2.4	3.0	1.8	.1								7.3	5.2
ESE	1.3	1.1	1.2									3.5	4.8
SE	1.2	.8	.4	.2								2.6	5.1
SSE	1.5	2.0	.8	.1	.1							4.5	5.1
S	1.8	2.7	2.7	.6	.2							8.1	6.3
SSW	1.0	2.0	2.3	.8	.2							6.2	7.2
SW	1.0	1.1	.4	1.3	.2	.1						4.1	8.4
WSW	.9	1.2	1.2	.1								3.3	5.6
W	.9	1.5	1.2	.4								4.0	6.3
WNW	.3	2.5	2.9	1.6								7.3	8.2
NW	.9	2.0	4.3	2.2	.1							9.5	8.4
NNW	1.2	3.9	4.3	1.7	.1							11.2	7.3
VARB													
CALM												7.3	
	21.1	32.0	28.5	10.0	1.0	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70.73-80 YEARS JAN MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	5.6	1.0	.8								10.2	5.0
NNE	1.5	1.6	.2									3.3	3.8
NE	1.3	1.5	.2									3.0	3.9
ENE	2.8	2.6	.2									5.6	3.4
E	2.7	2.0	2.2	.1								7.0	5.0
ESE	.4	.8	.1									1.3	4.5
SE	1.4	.5	.5									2.5	4.4
SSE	1.7	.9	.3	.1								3.0	4.0
S	2.6	2.6	1.3	.4	.1							7.0	5.2
SSW	1.3	2.7	1.4	.2								5.6	5.4
SW	.9	1.3	.8	.3	.1	.1						3.4	6.8
WSW	.4	.6	.1	.1								1.3	5.3
W	.6	.9	.1	.1								1.7	4.4
WNW	1.1	1.7	2.3	.9								5.9	6.7
NW	1.9	3.7	4.2	1.4								11.2	6.9
NNW	2.3	6.1	2.4	.9								11.6	5.7
VARBL													
CALM												10.3	
	25.8	35.1	17.2	5.3	.2	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.8	1.6	1.0								8.4	5.8
NNE	1.4	1.7	.2									3.3	3.9
NE	1.5	2.3	.3									4.1	4.1
ENE	1.9	2.6	.6									5.2	4.0
E	1.5	3.2	1.9	.2								6.9	5.4
ESE	.6	1.1	.8	.1								2.6	5.6
SE	1.8	1.6	.5									4.0	3.9
SSE	1.3	1.7	.6									3.7	4.6
S	2.0	3.4	1.1									6.6	4.4
SSW	1.3	1.7	1.3	.1								4.4	5.5
SW	.3	1.3	.5	.1	.1							2.4	6.1
WSW	.9	.9		.1	.1							1.9	4.8
W	1.1	1.7	.3	.1	.1							3.3	5.0
WNW	1.1	1.8	.9	.6	.1	.1						4.6	6.9
NW	2.0	4.6	2.4	1.8								10.9	6.5
NNW	1.7	3.9	2.6	.9								9.0	6.2
VARBL													
CALM												18.8	
	22.6	37.3	15.7	5.1	.4	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS
ALL WEATHER CLASS
CONDITION
JAN MONTH
ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.1	2.7	.8	.0							9.6	6.0
NNE	1.5	2.4	.7	.1								4.6	4.6
NE	1.9	2.5	.5	.0								4.9	4.1
ENE	2.2	2.8	1.2	.1								6.2	4.5
E	2.0	2.8	2.3	.1								7.3	5.3
ESE	1.0	1.3	.9	.1								3.2	5.3
SE	.9	1.5	.8	.1								3.3	5.3
SSE	1.0	1.4	1.0	.1	.0							3.5	5.4
S	1.7	2.3	1.4	.4	.1							5.9	5.5
SSW	1.0	1.5	1.2	.3	.1	.0						4.2	6.3
SW	.7	1.1	.5	.4	.1	.0						2.7	6.5
WSW	.8	1.0	.5	.2	.0							2.6	5.6
W	1.0	1.5	1.0	.5	.0							4.0	6.3
WNW	.8	1.9	1.9	1.0	.1	.0						5.6	7.5
NW	1.2	3.1	3.1	2.0	.2							9.6	7.7
NNW	1.5	3.7	3.1	1.1	.0							9.4	6.7
VARBL													
CALM												13.3	
	21.1	34.9	22.7	7.4	.6	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03800 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS FEB MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.8	2.2	.6								9.3	5.6
NNE	2.7	1.7	.7									5.1	3.9
NE	3.0	1.9										4.8	3.1
ENE	1.2	1.4	.4	.1								3.1	4.3
E	1.7	1.5	1.7	.4								5.2	5.7
ESE	1.2		.1									1.3	3.2
SE	1.1	.9	.2									2.2	4.2
SSE	.5	.7	.9	.1								2.2	6.2
S	2.0	2.7	1.5	1.1								7.3	5.8
SSW	1.3	2.4	1.1	.2								5.0	5.3
SW	1.7	2.1	.7	.1								4.6	4.7
WSW	1.4	2.2	.5									4.1	4.5
W	1.5	1.7	.5	.1								3.8	4.5
WNW	1.1	2.1	.9	.4								4.5	5.4
NW	2.6	2.1	2.0	.9	.2							7.9	6.3
NNW	2.6	3.3	2.4	1.1								9.3	6.0
VARBL													
CALM												20.1	
	27.1	31.7	15.8	5.1	.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS FEB MONTH
0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.1	3.2	.5								10.0	5.7
NNE	2.2	2.8	.2	.1								5.4	4.1
NE	3.0	3.1	.2									6.3	3.6
ENE	1.4	2.5	.5									4.4	4.2
E	.9	1.7	1.4		.1							4.1	5.5
ESE	.9	1.3	.5	.1	.1							3.0	5.7
SE	.8	.5										1.3	3.1
SSE	.5	.8	1.1									2.4	5.8
S	2.4	3.0	.8	.7								6.9	5.2
SSW	2.0	.2	.4	.1								2.7	3.4
SW	1.4	.6	.5									2.5	3.9
WSW	1.4	.9	.6									3.0	4.3
W	1.4	2.0	.9	.2								4.6	5.1
WNW	1.8	1.8	1.2	.4								5.1	5.3
NW	2.1	2.6	2.8	.8	.2							8.6	6.7
NNW	2.1	2.8	2.4	.6	.4							8.3	6.4
VARBL													
CALM												21.5	
	26.7	30.7	16.7	3.5	.8							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS FEB MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	3.1	3.1	1.2								10.6	5.8
NNE	1.5	2.1	1.1	.2								5.0	5.2
NE	2.5	3.8	.4									6.6	3.9
ENE	2.1	3.7	1.5									7.3	4.7
E	3.0	2.5	1.3	.2								7.0	4.8
ESE	.9	.6	.4	.1	.1							2.1	5.6
SE	.8	.6	.4									1.8	3.9
SSE	1.3	.7	.8									2.8	4.7
S	1.9	1.7	.9	.4								4.8	5.1
SSW	.9	.8	.7	.1								2.6	5.9
SW	.6	.9	.4	.4								2.2	5.9
WSW	1.8	1.2	.5									3.4	3.9
W	2.6	1.7	.2	.6	.1							5.2	4.7
WNW	1.4	1.5	1.1	.7								4.7	6.0
NW	.8	2.1	3.0	1.1	.2							7.2	7.7
NNW	1.7	2.7	2.5	.8	.2							7.9	6.8
VARBL													
CALM												18.6	
	27.2	29.7	18.1	5.8	.7							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS FEB MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.4	4.5	1.1								10.6	6.9
NNE	.5	1.9	1.5	.1								4.0	6.4
NE	1.2	2.2	.8									4.3	4.9
ENE	1.1	3.2	1.2	.1								5.6	5.3
E	2.2	3.8	3.2	.1								9.3	5.6
ESE	1.3	1.3	1.3	.2								4.1	5.5
SE	1.1	.9	1.1	.2								3.3	5.8
SSE	1.5	1.3	1.4	.4								4.6	5.6
S	1.1	2.6	2.6	.9								7.2	6.7
SSW	.1	.9	1.7	.9								3.7	8.6
SW	.7	.8	1.7	.9								4.1	7.9
WSW	.8	1.1	1.3	.5								3.7	6.5
W	.8	1.9	3.9	1.5	.1							8.3	8.2
WNW	1.1	.5	2.2	.7	.2							4.7	7.7
NW	1.2	1.9	2.7	2.2	.2							8.3	8.5
NNW	1.2	2.7	2.8	2.0	.4							9.1	8.1
VARBL													
CALM												5.1	
	17.5	30.5	33.9	12.1	.9							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 FT RUCKER AL 69-70,73-80 FEB
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.9	2.7	2.8	1.4	.2							8.2	7.7
NNE	.6	.9	1.3	.7								3.5	7.1
NE	.2	1.7	.9									2.8	6.0
ENE	.5	1.1	1.7	.2								3.4	6.9
E	.9	2.4	1.4	.4								5.1	6.1
ESE	.5	1.2	2.4	.1								4.1	6.8
SE	.6	.8	.8	.2	.1							2.6	7.0
SSE	.4	1.5	1.2	.5								3.5	7.1
S	1.5	3.2	2.0	.8	.4							7.9	7.0
SSW	.9	1.8	2.8	1.8	.2							7.6	8.5
SW	.5	1.7	2.1	1.8	.5							6.5	9.2
WSW	.4	2.6	2.1	.8								5.9	7.1
W	.7	3.5	4.7	2.5								11.5	8.2
WNW	.9	1.8	3.5	1.7	.1							8.0	7.9
NW	.5	1.8	2.7	2.4	.4							7.7	9.2
NNW	1.1	2.2	2.5	1.8	.4							7.9	8.4
VARBL													
CALM												3.7	
	11.1	30.9	35.1	17.0	2.2							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS FEB MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.4	3.1	1.1								8.9	6.8
NNE	1.5	1.8	.7	.4								4.4	5.0
NE	.7	.8	.4									1.9	4.5
ENE	.4	.9	.8	.4								2.5	6.9
E	1.7	3.0	1.9	.4								6.9	5.5
ESE	.4	1.9	.4									2.6	5.1
SE	.9	1.3	.2	.1	.1							2.7	5.3
SSE	.9	.7	.9	.6	.1							3.3	6.9
S	1.5	2.4	3.0	1.1								7.9	6.8
SSW	1.1	2.2	3.1	1.7	.4							8.4	8.0
SW	.6	2.0	2.0	2.0	.2							6.9	8.5
WSW	.1	1.7	2.6	.6								5.0	7.8
W	.8	2.7	3.1	1.1								7.7	6.9
WNW	1.2	1.9	1.5	1.3	.2							6.1	7.6
NW	.7	2.2	3.1	3.8	.1							9.9	9.2
NNW	.2	2.2	5.0	2.4	.1							9.9	8.9
VARBL													
CALM												5.1	
	14.1	31.2	31.7	16.7	1.3							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS FEB MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	3.2	4.1	1.4	.1								8.9	4.6
NNE	1.9	.9		.1								3.0	3.3
NE	.9	1.1		.2								2.2	4.4
ENE	2.0	1.3	.6	.4								4.3	4.7
E	2.6	1.5	.8	.1	.1							5.2	4.5
ESE	1.7	.9	.1									2.7	3.3
SE	1.2	.9	.1	.1								2.4	3.9
SSE	1.1	.6	.4	.5	.1							2.6	6.3
S	2.0	3.3	1.4	.8								7.6	5.7
SSW	1.8	3.7	3.9	.4								9.7	6.2
SW	1.3	3.0	1.7	.2								6.1	5.5
WSW	.8	1.2	.4	.1								2.5	4.7
W	2.7	2.0	.4									5.1	3.8
WNW	.7	1.4	.5	1.1								3.7	7.4
NW	1.9	2.8	2.6	2.0								9.3	7.0
NNW	2.7	4.6	2.4	.9	.1							10.8	5.8
VARBL													
CALM												14.1	
	28.5	33.5	16.5	7.1	.4							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS FEB MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.8	3.1	.7								8.4	6.0
NNE	2.0	.6	.4									3.0	3.3
NE	2.1	1.5										3.7	2.9
ENE	1.5	1.3	.4	.4								3.5	4.6
E	1.2	1.8	1.5									4.5	5.5
ESE	.9	.7	.2									1.9	3.8
SE	.6	.7	.2									1.5	4.7
SSE	1.1	1.3	.6	.1								3.1	4.9
S	2.0	4.8	1.7	.7	.4							9.6	5.9
SSW	3.3	3.7	1.4	.1								8.5	4.6
SW	2.2	2.6	1.3									6.1	4.7
WSW	.6	2.0	.8	.1	.2							3.8	6.4
W	1.1	1.8	.7									3.5	4.8
WNW	1.5	1.2	1.4	.5								4.6	6.0
NW	2.0	3.3	1.9	1.7	.2							9.1	6.8
NNW	1.5	4.3	2.0	.9								8.7	6.1
VARBL													
CALM												16.4	
	25.5	34.4	17.6	5.2	.8							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.6	2.9	.8	.0							9.4	6.1
NNE	1.6	1.6	.7	.2								4.2	4.8
NE	1.7	2.0	.3	.0								4.1	4.0
ENE	1.3	1.9	.9	.2								4.3	5.1
E	1.8	2.3	1.7	.2	.0							5.9	5.4
ESE	1.0	1.0	.7	.1	.0							2.7	5.2
SE	.9	.8	.4	.1	.0							2.2	4.9
SSE	.9	1.0	.9	.3	.0							3.1	5.9
S	1.8	3.0	1.7	.8	.1							7.4	6.1
SSW	1.4	2.0	1.9	.7	.1							6.0	6.5
SW	1.1	1.7	1.3	.7	.1							4.9	6.6
WSW	.9	1.6	1.1	.3	.0							3.9	5.9
W	1.5	2.2	1.8	.8	.0							6.2	6.4
WNW	1.2	1.5	1.6	.8	.1							5.2	6.8
NW	1.5	2.4	2.6	1.9	.2							8.5	7.7
NNW	1.6	3.1	2.7	1.3	.2							9.0	7.0
VARBL													
CALM												13.1	
	22.2	31.6	23.2	9.1	.9							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70.73-80 YEARS MAR MONTH 0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.9	1.1	.1								5.5	5.1
NNE	1.7	2.3	.6									4.6	4.3
NE	1.6	.8	.3									2.7	3.7
ENE	1.4	.9	.3									2.6	3.4
E	2.5	2.0	1.3	.2								6.0	4.9
ESE	.6	1.8	.8	.2								3.4	5.8
SE	.6	.9	1.2	.3								3.0	6.4
SSE	1.7	1.8	1.3	.1								4.9	5.1
S	3.3	4.1	1.6	.6								9.7	5.0
SSW	1.3	1.3	1.4	.4								4.4	5.9
SW	1.9	1.0	1.0	.1								4.0	4.4
WSW	1.5	1.2	.6									3.3	4.0
W	2.2	2.2	.8	.2								5.3	4.8
WNW	.9	1.5	1.2	.3	.1							4.0	6.2
NW	1.4	1.8	1.7	.5	.2							5.7	6.5
NNW	1.8	2.6	2.2	1.1								7.6	6.3
VARBL													
CALM												23.2	
	25.9	28.9	17.3	4.3	.3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS MAR MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.5	.8	.1								5.4	4.5
NNE	2.3	1.8	.9	.2								5.2	4.4
NE	2.5	2.5	.4									5.4	3.7
ENE	2.3	1.7	.6									4.6	4.1
E	2.6	3.0	1.3	.4								7.3	4.9
ESE	.9	1.8	1.0	.2								3.9	5.8
SE	.8	.9	.9	.2								2.7	5.8
SSE	1.7	1.2	1.1	.3								4.3	5.3
S	3.0	2.8	1.4	.6	.3							8.2	5.8
SSW	1.6	1.2	1.0	.2								4.0	4.9
SW	1.3	.3	.1	.3								2.0	4.3
WSW	.5	1.3	.3	.2								2.4	5.1
W	1.3	1.5	1.4	.3								4.5	6.0
WNW	.6	1.6	.6	.3								3.2	5.9
NW	1.7	2.6	1.6	.9								6.0	6.6
NNW	2.0	1.9	1.7	.6								6.3	6.0
VARBL													
CALM												24.6	
	26.3	28.6	15.1	5.1	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS MAR MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.3	2.0	.3								6.6	5.5
NNE	2.4	2.0	1.2									5.6	4.7
NE	3.0	3.5	1.0	.1								7.6	4.3
ENE	3.2	2.2	1.0	.1								6.5	4.3
E	2.4	2.8	1.7	.2								7.1	5.2
ESE	1.0	2.5	1.9	.2								5.6	6.0
SE	1.2	2.4	1.4	.4								5.4	5.7
SSE	1.5	1.2	1.9	.1								4.7	5.5
S	1.6	1.9	2.2	.8	.1							6.6	6.4
SSW	1.6	1.3	1.1	.4								4.4	5.6
SW	.4	.2	.6	.3								1.6	6.9
WSW	.6	1.2	.8	.2								2.8	5.7
W	1.1	2.4	1.5	.2								5.2	5.9
WNW	1.2	2.2	1.2	.5								5.1	5.9
NW	1.5	1.4	1.5	1.2	.1							5.7	6.8
NNW	1.0	1.8	1.4	.5								4.7	6.3
VARBL													
CALM												14.9	
	25.6	31.2	22.4	5.7	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	1.7	.4								5.2	6.1
NNE	.6	1.6	2.3	.1								4.6	6.3
NE	.4	2.3	1.5	.1								4.3	6.0
ENE	1.2	1.6	1.8									4.6	5.6
E	1.5	3.1	4.0	.5								9.1	6.5
ESE	.4	3.0	2.9	.3								6.7	6.7
SE	1.0	1.3	2.4	.4								5.1	7.0
SSE	1.4	2.2	3.5	1.0								8.1	7.0
S	2.2	3.1	4.1	1.8	.3							11.5	7.3
SSW	.5	.9	1.6	1.0	.2							4.2	8.6
SW	.6	.9	1.7	1.0		.1						4.3	8.5
WSW	.6	.9	2.0	1.3								4.8	8.1
W	.9	.8	2.9	.8	.1							5.4	8.2
WNW	.9	1.1	2.8	1.1	.1							5.9	8.1
NW	.5	2.2	2.6	1.2	.3							6.8	8.2
NNW	.9	1.7	2.4	1.1	.3							6.3	8.1
VARBL													
CALM												3.1	
	14.9	28.2	40.2	12.0	1.4	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 03850 STATION NAME F1 RUCKER AL YEARS 69-70, 73-80 MAP MONTH 1200-1400
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.4	2.2	.5	.1							6.5	6.3
NNE	.6	1.3	.9									2.8	5.3
NE	.5	.5	.4									1.5	4.9
ENE	.3	1.8	1.0									3.1	5.6
E	1.0	1.9	2.4	.1								5.4	6.0
ESE	.8	2.9	1.1	.4								5.2	6.0
SE	.3	1.0	2.2	.3								3.8	7.3
SSE	1.1	1.9	3.2	1.2								7.4	7.4
S	1.8	2.4	6.6	3.3	.4							14.5	8.4
SSW	.5	1.6	3.5	2.4	.1	.2						8.4	9.2
SW	.9	1.5	2.6	1.3	.6							6.9	8.7
WSW	.9	1.1	2.0	1.5	.2							5.7	8.4
W	.8	1.8	2.2	2.0	.1							6.9	8.4
WNW	.5	.6	1.7	1.8								4.7	9.0
NW	.4	1.5	2.8	2.6	.2							7.5	9.4
NNW	.9	1.1	1.9	2.5	.2	.1						6.7	9.4
VARBL													
CALM												3.1	
	12.6	25.4	36.6	20.0	2.0	.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS MAR MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	2.4	1.9	.5	.2							5.6	7.2
NNE	.8	1.1	.1	.1								2.0	4.4
NE	.3	.6	.4									1.4	5.1
ENE	.5	.9	.8									2.2	5.5
E	1.3	2.7	2.3	.1								6.4	5.6
ESE	.5	2.6	1.4	.1								4.6	5.8
SE	.6	1.4	1.7	.4	.1	.1						4.4	7.1
SSE	.9	2.0	2.0	1.1								6.0	7.1
S	1.7	4.6	4.7	2.4	.1							13.6	7.3
SSW	.8	2.3	4.2	3.7	.1	.1						11.1	9.2
SW	.5	1.8	1.8	3.0	.1	.2						7.5	9.7
WSW	.6	1.7	1.7	.8	.1							5.0	7.3
W	1.3	1.4	1.4	1.5	.1							5.7	7.3
WNW	.4	1.1	2.0	1.6								5.2	8.6
NW	.5	1.2	3.9	1.9	.1							7.6	8.9
NNW	.8	1.9	2.8	2.3	.1							7.9	8.6
VARBL													
CALM												3.9	
	12.2	29.7	33.3	19.5	1.1	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS MAR MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.2	1.3	.1								5.1	5.1
NNE	.5	.5										1.1	3.8
NE	.8	.4	.4									1.6	4.3
ENE	1.5	1.0	.9									3.3	4.5
E	2.6	1.9	1.6	.1								6.2	4.8
ESE	1.2	1.1	.9	.2								3.3	5.3
SE	.8	1.3	1.1	.1								3.2	5.3
SSE	1.5	1.2	1.7	.6								5.1	6.6
S	3.0	5.9	4.3	.5	.1							13.9	5.8
SSW	2.6	5.5	4.8	.8	.1							13.8	6.3
SW	1.1	2.5	1.3	1.0	.1							5.9	6.7
WSW	1.6	1.0	.4	.3								3.3	4.8
W	1.9	1.5	.5	.1								4.1	4.2
WNW	.5	1.2	.9	.3								2.9	6.2
NW	1.7	3.7	2.3	.5								8.2	5.7
NNW	2.8	2.9	1.8	.8	.1							8.4	5.5
VARBL													
CALM												10.6	
	25.6	33.7	24.2	5.5	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 FT RUCKER AL 69-70, 73-80
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MAR
MONTH
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.2	2.9	1.2	.1								6.3	4.7
NNE	1.0	.9	.3									2.2	3.9
NE	1.0	.5	.2									1.7	3.8
ENE	2.3	1.1	.4	.1								3.9	3.9
E	3.0	2.5	.8	.1								6.3	4.0
ESE	.8	1.3	.9	.3								3.2	6.1
SE	1.2	.5	.6									2.4	4.6
SSE	1.4	1.5	1.8	.4	.1							5.3	6.4
S	4.9	3.3	2.9	.8	.2							12.2	5.3
SSW	2.5	4.1	2.2	.2								8.9	4.9
SW	3.2	2.2	.8	.4		.1						6.7	4.6
WSW	1.8	1.4	.6	.1								4.0	4.4
W	2.0	1.3	.5	.2								4.1	4.3
WNW	1.2	.9	.6	.4	.2	.1						3.4	6.9
NW	1.6	3.0	2.5	.4								7.5	6.0
NNW	3.1	3.2	.9	.5								7.7	4.7
VARBL													
CALM												14.2	
	33.1	30.5	17.2	4.2	.5	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS MAR MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.4	1.5	.3	.0							5.8	5.6
NNE	1.2	1.4	.8	.1								3.5	4.8
NE	1.3	1.4	.6	.0								3.3	4.4
ENE	1.6	1.4	.8	.0								3.8	4.6
E	2.1	2.5	1.9	.2								6.7	5.3
ESE	.8	2.1	1.3	.3								4.5	6.0
SE	.8	1.2	1.4	.3	.0	.0						3.7	6.3
SSE	1.4	1.6	2.1	.6	.0							5.7	6.5
S	2.7	3.5	3.5	1.4	.2							11.3	6.5
SSW	1.4	2.3	2.5	1.1	.1	.0						7.4	7.0
SW	1.3	1.3	1.2	.9	.1	.1						4.9	7.1
WSW	1.0	1.2	1.1	.6	.0							3.9	6.3
W	1.4	1.6	1.4	.7	.0							5.1	6.4
WNW	.8	1.3	1.4	.8	.1	.0						4.3	7.3
NW	1.1	2.2	2.4	1.2	.1							6.9	7.3
NNW	1.7	2.2	1.9	1.2	.1	.0						7.0	6.8
VARBL													
CALM												12.2	
	22.0	29.5	25.8	9.5	.8	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70, 73-80 YEARS APR MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.7	.8	.1								5.2	4.7
NNE	2.7	.9	.2									3.8	3.2
NE	3.0	1.1										4.1	2.6
ENE	2.1	.6	.3									3.0	3.1
E	1.4	1.2	.1									2.8	3.5
ESE	.4	1.6	.6	.1								2.7	5.2
SE	.7	1.2	.6	.1								2.6	5.1
SSE	1.4	.7	.2									2.3	3.3
S	2.4	2.7	1.4	.7	.1							7.3	5.6
SSW	2.6	1.9	1.2	.4								6.1	4.9
SW	2.9	.6	1.4	.1								5.0	4.4
WSW	2.9	1.3	.3	.2								4.8	3.7
W	4.2	2.0	.2	.1								6.6	3.2
WNW	1.8	2.2	.1									4.1	3.7
NW	2.1	2.4	.2	.2								5.0	4.3
NNW	2.0	1.9	.4									4.2	3.9
VARBL													
CALM												30.4	
	34.3	24.8	8.2	2.1	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS APR MONTH
0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.6	2.3	.4									5.3	3.8
NNE	3.1	2.0	.3									5.4	3.6
NE	3.2	1.4										4.7	2.9
ENE	3.6	1.8	.3									5.7	3.2
E	3.7	1.3	.7									5.7	3.4
ESE	1.9	1.7	.4	.1								4.1	4.2
SE	.7	1.9	.2	.3								3.1	5.3
SSE	.7	1.7	.4									2.8	4.6
S	2.0	1.6	1.2	.3								5.1	5.2
SSW	1.3	1.3	.7	.4								3.8	5.3
SW	1.7	.3	.4									2.4	3.6
WSW	2.9	1.1	.4	.2								4.7	3.8
W	4.6	.9	1.1	.2								6.8	3.6
WNW	1.8	1.1	.2	.1								3.2	3.9
NW	1.3	1.8	.4	.3								3.9	4.9
NNW	1.1	1.1	.9									3.1	4.8
VARBL													
CALM												30.2	
	36.0	23.3	8.3	2.1								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 FT RUCKER AL 69-70,73-80 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.7	1.7									5.8	5.2
NNE	2.3	2.8	1.0	.1								6.2	4.3
NE	3.4	4.4	.3									8.2	3.7
ENE	2.4	2.8	.9									6.1	4.3
E	3.4	3.2	1.1	.2								8.0	4.3
ESE	1.0	2.9	.9	.1								4.9	5.1
SE	1.2	3.2	1.0	.4								5.9	5.6
SSE	1.1	1.6	1.8	.1								4.6	5.8
S	1.3	2.1	2.6	.1	.1							6.2	6.1
SSW	1.1	1.4	1.7	.1								4.3	5.8
SW	.8	.6	.7									2.0	4.9
WSW	1.2	.8	.8									2.8	4.2
W	1.9	2.0	1.7	.1								5.7	5.1
WNW	1.7	1.2	.6	.1								3.6	4.6
NW	1.2	1.6	.6	.3								3.7	5.1
NNW	1.6	1.9	1.2	.3								5.0	5.4
VARBL													
CALM												17.1	
	27.2	35.1	18.3	2.1	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL 69-70, 73-80 YEARS APR MONTH
0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.8	2.0									5.7	5.3
NNE	1.0	1.8	1.1	.1								4.0	5.6
NE	1.0	1.6	1.6									4.1	5.2
ENE	.7	2.2	2.0									4.9	5.7
E	2.3	3.8	1.9	.4								8.4	5.1
ESE	1.3	1.8	2.0	.2								5.3	5.8
SE	.8	2.6	4.0	.6	.1	.1						8.1	7.4
SSE	.9	3.4	3.7	.3								8.3	6.4
S	1.7	3.3	4.7	1.7	.1	.1						11.5	7.5
SSW	.8	2.3	2.7	1.6								7.3	7.8
SW	.4	1.0	1.7	.7								3.8	7.6
WSW	.6	1.7	.8	.1								3.1	5.3
W	1.7	1.3	1.8	.6	.1							5.4	6.4
WNW	1.8	1.3	3.0	.4	.1							6.7	6.8
NW	.7	1.2	2.2	.7	.1							4.5	7.5
NNW	.4	1.8	2.4	.4								5.1	7.3
VARBL													
CALM												3.2	
	17.9	32.9	37.4	7.8	.6	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.1	2.0	.3								5.8	5.7
NNE	1.1	.6	.2									1.9	3.9
NE	1.2	1.0	1.0									3.2	4.7
ENE	.1	1.2	.7									2.0	5.7
E	1.3	2.8	1.3	.1								5.6	5.3
ESE	1.4	1.8	1.9									5.1	5.5
SE	1.1	2.2	1.8	.8								5.9	6.4
SSE	.9	3.3	3.2	.7								8.1	6.8
S	2.0	3.6	4.1	3.1	.4							13.2	8.0
SSW	.9	2.9	3.8	2.3	.3							10.2	8.4
SW	.7	1.6	2.1	1.4	.1							5.9	8.2
WSW	1.0	1.1	2.0	1.1	.2							5.4	8.3
W	1.0	1.3	3.6	.7								6.6	7.3
WNW	.9	1.7	3.4	1.0								7.0	7.6
NW	.8	1.3	2.3	1.1								5.6	7.8
NNW	.8	1.3	2.3	.8								5.2	7.3
VARBL													
CALM												3.3	
	16.6	29.8	35.8	13.4	1.1							109.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL 69-70, 73-80 YEARS APR MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	1.8	.7								5.4	6.3
NNE	1.0	1.6	.1									2.7	4.1
NE	.4	.8	.1									1.3	3.8
ENE	.6	.8	.6									1.9	5.1
E	1.1	2.2	1.1									4.4	5.2
ESE	1.6	1.1	1.4	.1								4.2	5.2
SE	1.9	1.7	1.7	.4								5.7	5.7
SSE	1.6	2.8	1.9	.2								6.4	5.6
S	1.9	4.1	3.6	1.6	.6							11.7	7.5
SSW	1.4	3.1	5.6	3.1	.1							13.3	8.1
SW	1.0	1.7	2.2	1.7								6.6	7.9
WSW	.8	1.2	.9	.8	.1							3.8	7.5
W	.9	2.1	2.4	.7								6.1	6.9
WNW	.2	1.1	2.7	1.0								5.0	8.3
NW	.7	2.2	4.1	.9								7.9	7.4
NNW	.9	3.7	2.7	.9								8.1	7.0
VARBL													
CALM												5.4	
	17.3	31.7	32.8	12.0	.8							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS APR MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.6	.6	.1								4.9	3.9
NNE	2.0	.4										2.4	2.6
NE	.4	.4										.9	3.0
ENE	.9	.3	.1									1.3	3.1
E	3.1	1.2	.1									4.4	2.9
ESE	2.0	.7										2.7	2.6
SE	1.1	.9	.2									2.2	3.6
SSE	2.0	1.8	1.2									5.0	4.4
S	2.1	5.8	2.9	1.8								12.6	6.4
SSW	2.9	7.1	3.7	.8								14.4	5.7
SW	1.1	3.3	1.6									6.0	5.3
WSW	1.0	.8	.1	.1								2.0	4.2
W	1.3	1.0	.6									2.9	4.3
WNW	2.4	1.8	.8									5.0	4.0
NW	2.1	3.1	1.6	.8								7.6	5.7
NNW	2.4	4.0	.8	.1								7.3	4.2
VARBL													
CALM												18.3	
	29.7	34.2	14.1	3.7								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03450
STATION

FT PUCKER AL

STATION NAME

69-70,73-80

YEARS

APR

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.1	1.9	.7									3.7	4.6
NNE	.9	.7	.2									1.8	3.8
NE	2.6	.4	.2	.1								3.3	3.0
ENE	1.8	.3	.3									2.4	3.1
E	1.7	.8	.3	.1								2.9	3.8
ESE	.9	.8	.1									1.8	3.6
SE	1.1	.4	.3	.1								2.0	4.7
SSE	1.4	1.2	.3									3.0	4.0
S	4.3	4.3	1.4	.8								10.9	4.7
SSW	5.4	3.9	1.2	.8								11.3	4.6
SW	4.6	3.4	.3	.3								8.7	3.9
WSW	1.7	1.8	.4									3.9	4.0
W	2.6	1.6	.2	.1								4.4	3.6
WNW	1.6	1.6	.8									3.9	4.5
NW	1.7	3.8	1.1	.1								6.7	4.8
NNW	2.2	1.9	.8									4.9	4.0
VARBL													
CALM												24.4	
	35.4	28.8	8.9	2.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS APR MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.1	1.2	.2								5.2	5.0
NNE	1.3	1.3	.4	.0								3.5	4.0
NE	1.9	1.4	.4	.0								3.7	3.7
ENE	1.5	1.2	.7									3.4	4.2
E	2.3	2.1	.8	.1								5.3	4.4
ESE	1.3	1.5	.9	.1								3.8	4.9
SE	1.1	1.8	1.2	.3	.0	.0						4.4	5.9
SSE	1.2	2.1	1.6	.2								5.1	5.6
S	2.2	3.4	2.7	1.2	.2	.0						9.8	6.6
SSW	2.1	3.0	2.6	1.2	.1							8.9	6.5
SW	1.6	1.6	1.3	.5	.0							5.0	5.8
WSW	1.5	1.2	.7	.3	.0							3.8	5.3
W	2.3	1.5	1.4	.3	.0							5.6	5.1
WNW	1.5	1.5	1.4	.3	.0							4.8	5.8
NW	1.3	2.2	1.6	.6	.0							5.6	6.0
NNW	1.4	2.2	1.4	.3								5.4	5.6
VARBL													
CALM												16.6	
	26.8	30.1	20.5	5.7	.3	.0						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS MAY MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.5	.1									4.2	3.3
NNE	2.0	1.0										3.0	2.7
NE	3.1	1.2										4.3	2.6
ENE	1.9	.9										2.8	2.6
E	2.8	2.7	.5									6.0	3.7
ESE	.9	.3	.8	.1								2.0	5.4
SE	1.1	1.3	.3									2.7	4.1
SSE	1.4	.6	.3	.1								2.5	4.5
S	2.8	2.2	1.0	.1								6.0	4.2
SSW	2.3	1.7	.3									4.3	3.6
SW	2.3	1.3	.3									3.9	3.6
WSW	2.7	1.8										4.5	3.0
W	3.2	.9	.1									4.2	2.6
WNW	2.0	.9	.4									3.3	3.5
NW	1.3	1.5	.4									3.2	4.2
NNW	2.2	1.1										3.2	2.9
VARBL													
CALM												39.8	
	34.5	20.8	4.6	.3								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS MAY MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.5	.1									3.4	3.3
NNE	2.5	1.0	.3									3.8	3.2
NE	3.2	1.8	.1									5.2	3.2
ENE	3.3	1.4	.2									4.9	3.1
E	3.3	2.2	.3									5.8	3.3
ESE	1.1	1.3	.8	.1								3.2	4.7
SE	.8	1.3	.5	.1								2.7	5.2
SSE	.9	1.0	.4	.1								2.4	4.8
S	1.8	1.3	.2									3.3	3.4
SSW	1.5	.6	.3	.2								2.7	4.3
SW	1.7	.9	.1									2.7	3.4
WSW	1.4	1.2	.2									2.8	3.7
W	1.6	1.9	.2									3.8	3.5
WNW	2.3	.9	.1									3.2	3.2
NW	2.3	1.5	.4									4.2	3.6
NNW	2.3	1.2		.1								3.5	3.4
VARBL													
CALM												42.4	
	31.7	20.9	4.4	.6								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS MAY MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.2	2.5	.6									5.3	3.9
NNE	3.1	1.9	.3									5.4	3.4
NE	3.7	2.8	1.0									7.4	3.7
ENE	3.1	2.5	1.1									6.7	4.0
E	4.5	3.8	.9									9.1	3.7
ESE	2.4	1.9	1.3									5.6	4.3
SE	1.4	1.6	1.3	.1								4.4	5.2
SSE	1.7	2.0	.8									4.5	4.4
S	2.3	2.0	.6									4.9	4.1
SSW	.9	1.1	.4									2.4	4.6
SW	1.4	1.3	.4									3.1	4.1
WSW	2.7	1.6	.3	.1								4.7	3.7
W	2.2	2.4	.5	.1								5.2	4.2
WNW	1.2	1.7	.9									3.8	4.9
NW	1.4	1.3	.5	.1								3.3	4.8
NNW	2.7	2.0	.4									5.2	3.8
VARBL													
CALM												19.0	
	36.7	32.5	11.4	.4								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70, 73-80 YEARS MAY MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.2	2.5	1.7									6.4	4.9
NNE	1.3	2.4	1.1	.1								4.8	5.0
NE	1.7	1.7	.2									3.7	3.9
ENE	3.1	4.2	1.1	.2								8.6	4.6
E	2.4	3.8	2.8	.1								9.0	5.2
ESE	1.3	2.7	2.0	.4								6.5	6.0
SE	.5	1.2	2.0									3.8	6.3
SSE	1.5	3.3	1.9	.1								6.9	5.4
S	2.6	3.7	1.3	.9								8.4	5.4
SSW	1.3	1.9	2.2	.4								5.8	6.1
SW	1.1	3.0	1.5									5.6	5.2
WSW	1.9	2.2	.6	.1								4.8	4.4
W	1.5	3.6	2.6	.3								8.0	5.9
WNW	.8	1.5	1.7	.1								4.1	6.0
NW	.4	1.7	1.7	.2								4.1	6.7
NNW	.5	2.3	.9									3.7	5.4
VARBL													
CALM												5.9	
	24.1	41.6	25.4	3.0								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.4	2.6	.3								7.3	5.5
NNE	.6	1.1	1.1									2.8	5.7
NE	1.3	1.3	1.2	.1								3.9	5.2
ENE	1.1	2.0	1.6									4.7	5.3
E	1.5	3.7	1.9	.2								7.3	5.4
ESE	1.0	1.5	1.6	.2								4.3	6.0
SE	1.3	1.9	1.8	.2								5.3	5.8
SSE	1.0	3.5	2.0	.2								6.8	5.7
S	3.0	3.9	2.5	1.5								10.9	6.2
SSW	.8	2.3	2.6	1.6	.2							7.4	8.1
SW	1.0	2.3	.8	.3								4.3	5.7
WSW	1.2	2.7	2.7	.6		.1						7.3	6.7
W	1.8	4.1	2.3	.4								8.6	5.5
WNW	1.1	1.1	2.2	.5								4.8	6.6
NW	1.0	1.9	.9	.1								3.9	5.4
NNW	.9	2.0	1.4	.8								5.1	6.6
VARBL													
CALM												5.4	
	20.4	37.6	29.0	7.2	.2	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 FT RUCKER AL

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.1	2.7	.1								7.3	5.8
NNE	1.1	1.9	.8									3.8	4.8
NE	1.3	1.7	.6	.1								3.8	4.7
ENE	1.4	1.8	.8									4.0	4.5
E	2.0	2.9	1.7	.1								6.8	5.0
ESE	2.0	1.5	1.0	.1								4.6	4.5
SE	1.6	1.9	1.1									4.6	4.7
SSE	1.7	2.6	.9	.1								5.3	4.5
S	3.5	5.6	3.3	1.5								14.0	5.9
SSW	.9	2.3	3.2	1.2								7.5	7.3
SW	.5	1.1	1.7	.6								4.0	7.5
WSW	1.1	2.7	1.2	.2	.1							5.3	5.8
W	1.6	3.4	1.6	.1	.1							6.9	5.4
WNW	.9	1.8	1.5	.5								4.7	6.2
NW	.3	3.1	2.4	.4								6.2	6.5
NNW	1.2	2.4	1.8	.3		.1						5.8	6.3
VARBL													
CALM												5.5	
	22.6	39.9	26.2	5.5	.2	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70.73-80 YEARS MAY MONTH
ALL WEATHER CLASS 2100-2300 HOURS [L.S.T.]
CONDITION

SPEED (KNOTS) D.I.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.3	.4									3.2	3.8
NNE	2.5	.2	.2									2.9	2.6
NE	2.5	.4										2.9	2.3
ENE	1.9	.5	.4									2.9	3.4
E	1.4	1.6	.8									3.8	4.5
ESE	1.0	.8	.3	.1								2.2	4.3
SE	1.0	1.3	.3									2.6	4.1
SSE	2.7	1.5		.1	.1							4.4	3.6
S	6.0	3.1	.6	.3	.1							10.2	3.7
SSW	7.3	3.9	.8									11.9	3.3
SW	2.8	2.5	.4									5.7	3.8
WSW	1.3	1.7	.1									3.7	3.6
W	1.9	1.2	.2	.1								3.4	3.6
WNW	1.9	1.6										3.5	3.4
NW	3.2	2.2	.5									5.9	3.6
NNW	2.3	1.5	.2									4.0	3.5
VARBL													
CALM												26.8	
	41.7	25.3	5.4	.6	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL 69-70, 73-80 YEARS MAY MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.0	1.2	.1								5.3	4.5
NNE	2.0	1.3	.5	.0								3.7	3.8
NE	2.4	1.4	.4	.0								4.2	3.6
ENE	2.2	1.8	.7	.0								4.7	4.1
E	2.7	2.7	1.2	.1								6.6	4.4
ESE	1.4	1.4	1.0	.1								4.0	4.9
SE	1.2	1.4	1.0	.1								3.6	5.0
SSE	1.6	2.0	.9	.1	.0							4.6	4.8
S	3.3	3.3	1.5	.6	.0							8.7	5.0
SSW	2.2	2.4	1.5	.5	.0							6.6	5.4
SW	1.6	1.7	.8	.2								4.3	4.9
WSW	1.8	1.8	.7	.1	.0	.0						4.4	4.6
W	2.0	2.3	1.0	.1	.0							5.4	4.6
WNW	1.5	1.3	.9	.1								3.9	4.9
NW	1.5	2.0	1.0	.1								4.6	4.9
NNW	1.9	1.8	.6	.2		.0						4.5	4.6
VARBL													
CALM												20.7	
	31.3	30.7	14.7	2.4	.1	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 FT RUCKER AL 69-70, 73-80 JUN
STATION NAME YEARS
ALL WEATHER
CLASS
0000-0200
HOURS (L.S.T.)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	.3									3.1	4.2
NNE	1.7	.6	.1									2.3	2.8
NF	3.1	1.9	.1									5.1	3.1
ENE	3.3	1.3	.2									4.9	3.1
E	3.2	1.6										4.8	2.8
ESE	.4	.1										.6	2.2
SE	.7	.3	.1									1.1	3.5
SSE	1.4	.4	.1									2.0	2.8
S	3.7	1.2										4.2	2.6
SSW	3.1	1.1										4.2	2.6
SW	4.3	1.6										5.9	2.7
WSW	4.0	1.1										5.1	2.6
W	2.6	1.0										3.6	2.8
WNW	1.7	.6										2.2	2.8
NW	2.3	1.0										3.3	3.1
NNW	.9	1.3	.1									2.3	4.0
VARBL													
CALM												45.2	
	36.9	16.8	1.1									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03650
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.3	.7	.1									2.1	3.5
NNE	2.8	1.8										4.6	3.3
NE	3.8	2.6										6.3	3.0
ENE	3.3	1.1	.2	.3								5.0	3.7
E	2.9	.9	.1									3.9	2.7
ESE	.3	.4										.8	3.9
SE	.6	.3										.9	3.4
SSE	.4	.1	.1									.7	3.3
S	1.3	.8										2.1	2.8
SSW	2.6	.9										3.4	2.7
SW	3.1	1.3	.1									4.6	3.0
WSW	2.9	.6										3.4	2.6
W	3.6	.8										4.3	2.5
WNW	1.0	.3										1.3	2.5
NW	3.1	1.0										4.1	2.7
NNW	2.2	1.8	.1									4.1	3.1
VARBL													
CALM												48.3	
	35.3	15.4	.8	.3								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FY RUCKER AL STATION NAME 69-70,73-80 YEARS JUN MONTH
CLASS ALL WEATHER 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.2	.7	.1								6.2	4.1
NNE	3.3	1.9	.6									5.8	3.4
NE	3.0	2.4	.3									5.8	3.7
ENE	3.8	3.1	.6	.1								7.6	3.8
E	4.1	2.1	.8	.1								8.1	3.9
ESE	1.2	1.1	.2									2.6	3.8
SE	1.2	1.0	.4									2.7	4.1
SSE	1.9	.4	.2									2.6	3.0
S	3.4	1.8	.1									5.3	3.0
SSW	1.8	.9	.1									2.8	3.2
SW	2.1	1.0	.4									3.6	3.4
WSW	1.8	2.3	.9	.1								5.1	4.8
W	3.1	3.3	.9									7.3	4.1
WNW	1.6	1.4	.1									3.1	3.7
NW	2.0	1.3	.3	.1								3.8	4.0
NNW	2.6	2.6	.2									5.3	3.4
VARBL													
CALM												22.4	
	40.1	30.0	6.2	.6								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70.73-80 YEARS JUN MONTH
C900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	1.9	.8									5.7	3.8
NNE	2.3	2.4	.6									5.3	4.3
NE	2.0	2.0	.9									4.9	4.3
ENE	2.2	3.0	1.9	.2								7.3	5.1
E	2.6	3.8	1.2	.2								7.8	4.8
ESE	2.4	2.0	.2									4.7	3.5
SE	1.6	1.3		.3								3.2	4.1
SSE	1.7	1.3	.2	.1								3.3	3.9
S	1.7	2.7	1.0									5.3	4.5
SSW	2.6	2.7	.9									6.1	4.3
SW	1.3	2.4	.7									4.4	4.6
WSW	2.6	2.4	1.1	.1								6.2	4.3
W	2.9	4.9	3.1	.8								11.7	5.6
WNW	1.9	3.2	.7									5.8	4.6
NW	1.7	2.7	.9									5.2	4.5
NNW	2.1	2.0	.6									4.7	4.0
VARBL													
CALM												8.3	
	34.4	40.8	14.7	1.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 FT RUCKER AL 69-70,73-80 JUN
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.4	1.9	.1	.1							7.0	5.3
NNE	.8	1.6	.6									2.9	4.8
NE	1.8	2.3	1.2	.1								5.4	5.1
ENE	1.9	3.1	1.6									6.6	4.9
E	3.2	3.7	1.9	.2								9.0	4.8
ESE	1.0	2.1	.6	.1								3.8	4.9
SE	1.3	.6	.3	.2								2.4	4.8
SSE	1.4	2.0	.1									3.6	4.1
S	2.0	1.4	1.7	.1								5.2	4.9
SSW	1.8	2.2	1.9	.3								6.2	5.6
SW	1.4	1.8	1.7	.3								5.2	5.8
WSW	1.3	3.3	1.9	.3								6.9	5.9
W	2.6	4.4	2.7	.7	.1							10.4	5.7
WNW	2.2	3.0	1.4									6.7	4.5
NW	1.6	2.7	1.9	.2	.1							6.4	5.7
NNW	2.2	2.0	1.7	.4								6.3	5.3
VARBL													
CALM												5.9	
	29.0	38.7	22.9	3.2	.3							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS JUN MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.6	1.9									7.6	5.0
NNE	2.3	1.8	.8									4.9	4.2
NE	1.8	2.1	.9									4.8	4.4
ENE	2.4	3.0	.9									6.3	4.3
E	3.2	4.1	.7									8.0	4.1
ESE	2.2	1.7	.9	.1								4.9	4.3
SE	1.2	1.6	.2									3.0	4.0
SSE	1.7	1.6	.4									3.7	4.0
S	1.8	2.6	1.4	.4								6.2	5.2
SSW	.8	2.4	3.9	.4								7.6	6.9
SW	.3	2.1	1.6	.3								4.3	6.8
WSW	1.4	2.8	1.4	.4								6.1	5.8
W	2.6	3.8	1.2	.1								7.7	4.5
WNW	2.1	3.0	.8	.1								6.0	4.7
NW	.7	3.4	.9	.2								5.2	5.3
NNW	1.6	2.9	1.4	.1								6.0	5.2
VARBL													
CALM												7.8	
	28.2	42.3	19.3	2.3								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70, 73-80 YEARS JUN MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	2.3	.4	.1								6.8	3.6
NNE	2.2	.4	.3									3.0	3.1
NE	3.1	.8	.2									4.1	2.9
ENE	3.0	1.7	.1									4.8	3.2
E	3.2	2.2	.4									5.9	3.6
ESE	1.1	.8	.1									2.0	3.8
SE	1.8	.7										2.4	3.0
SSE	.9	.9	.1									1.9	3.4
S	3.8	4.0	1.3									9.1	4.3
SSW	2.7	5.2	1.7	.1								9.7	4.7
SW	1.8	2.6	1.2									5.6	4.7
WSW	1.6	1.9	.3									3.8	4.0
W	2.9	1.3	.3									4.6	3.4
WNW	1.2	.6	.1									1.9	3.2
NW	2.6	2.2	.6	.2								5.6	4.2
NNW	2.6	2.1	.1	.1	.1							5.0	3.8
VARBL													
CALM												24.0	
	38.2	29.7	7.4	.6	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL 69-70,73-80 YEARS JUN
MONTH
2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.1	1.6	.1	.1								3.9	3.7
NNE	2.0	1.1	.1									3.2	3.3
NE	2.2	.6	.1									2.9	2.7
ENE	2.3	1.9	.2									4.4	3.5
E	3.1	.8										3.9	2.7
ESE	1.9	.2										2.1	2.5
SE	1.7	.1										1.8	2.4
SSE	1.4	1.1	.2									2.8	3.6
S	5.0	2.7	.2									7.9	3.0
SSW	4.8	3.6										8.3	3.3
SW	4.2	2.7										6.9	3.1
WSW	2.4	1.6	.2									4.2	3.3
W	2.4	.9										3.3	3.0
WNW	.9			.1								1.0	2.9
NW	1.9	.9	.2	.1								3.1	3.5
NNW	2.8	.6	.6									3.9	3.4
VARBL													
CALM												36.3	
	41.2	20.1	2.0	.3								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS JUN MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.0	.8	.1	.0							5.3	4.3
NNE	2.2	1.4	.4									4.0	3.7
NE	2.6	1.8	.5	.0								4.9	3.7
ENE	2.8	2.3	.7	.1								5.9	4.0
E	3.2	2.5	.6	.1								6.4	3.9
ESE	1.3	1.1	.3	.0								2.7	3.9
SE	1.3	.7	.1	.1								2.2	3.8
SSE	1.4	1.0	.2	.0								2.6	3.6
S	2.8	2.1	.7	.1								5.7	3.9
SSW	2.5	2.4	1.1	.1								6.0	4.5
SW	2.3	1.9	.7	.1								5.1	4.2
WSW	2.3	2.0	.7	.1								5.1	4.4
W	2.8	2.6	1.0	.2	.0							6.6	4.5
WNW	1.6	1.5	.4	.0								3.5	4.2
NW	2.0	1.9	.6	.1	.0							4.6	4.3
NNW	2.1	1.9	.6	.1	.0							4.7	4.1
VARBL													
CALM												24.8	
	35.4	29.2	9.4	1.1	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

TI RUCKER AL
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.3										1.1	2.6
NNE	1.3	.1										1.4	2.2
NE	2.7	.4										3.1	2.5
ENE	2.6	.5										3.1	2.5
E	2.8	1.4	.4									4.6	3.5
ESE	1.1	1.5	.1									2.7	3.4
SE	.9	.5	.3									1.7	4.0
SSE	.9	.6	.2									1.7	3.7
S	3.4	.6	.1									4.2	2.4
SSW	3.7	1.3										5.0	2.7
SW	4.8	1.9	.1									6.9	3.0
WSW	3.7	2.0										5.7	2.9
W	5.2	1.4										6.6	2.6
WNW	1.7	.3										2.0	2.4
NW	1.3	.4										1.7	2.8
NNW	1.1	.4										1.5	2.5
VARBL													
CALM												46.9	
	37.8	14.0	1.3									100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 FT RUCKER AL 69-70, 73-80 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
C300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.5	.2										1.7	2.3
NNE	1.4	.2										1.6	2.2
NE	3.2	.5	.1									3.9	2.4
ENE	3.5	.9	.2									4.6	2.8
E	3.7	2.2										5.8	3.3
ESE	1.6	.4	.3									2.4	3.5
SE	.6	.2	.3									1.2	4.1
SSE	1.2	.2	.1									1.5	2.9
S	2.2	.4										2.6	2.3
SSW	1.8	.8										2.6	2.5
SW	2.2	.5										2.7	2.6
WSW	3.7	.8										4.4	2.5
W	5.1	2.0	.1									7.2	2.8
WNW	3.0	.5										3.5	2.2
NW	3.0	.6										3.7	2.5
NNW	1.2	.1										1.3	2.6
VARBL													
CALM												49.4	
	38.8	10.6	1.2									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.7	.9										2.9	2.8
NNE	1.4	.5	.1									2.0	2.9
NE	3.0	1.3	.1	.1								4.5	3.0
ENE	3.3	1.7	.4									5.5	3.3
E	5.9	4.4	.6	.2								11.2	3.7
ESE	2.3	1.2	.5	.1								4.1	3.9
SE	1.4	1.2	.2									2.8	3.8
SSE	.5	.8	.1									1.4	3.9
S	2.3	1.6	.2									4.1	3.5
SSW	1.8	1.4	.2									3.4	3.8
SW	2.3	1.2	.3									3.8	3.5
WSW	2.3	2.7	.3									5.3	3.7
W	4.3	4.9	.4									9.7	3.6
WNW	2.7	1.8	.3									4.8	3.4
NW	3.1	1.7	.2									5.1	3.3
NNW	1.9	2.6	.1									4.6	3.7
VARBL													
CALM												24.8	
	40.5	29.9	4.3	.4								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

C3850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS JUL MONTH
C900-1100 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.8	.1	.1								3.7	4.1
NNE	2.0	.9	.1									3.0	3.0
NE	1.6	1.4	.2									3.2	3.6
NNE	2.0	2.2	.5									4.7	4.0
E	3.5	3.0	1.5	.1								8.2	4.4
ESE	2.2	3.1	1.0	.2								6.5	4.9
SE	1.6	1.6	.4	.1								3.8	4.6
SSE	2.2	1.2	.2									3.5	3.5
S	2.2	1.8	.9	.1								4.9	4.4
SSW	1.9	2.7	.6									5.3	4.2
SW	1.7	2.2	.4									4.3	4.2
WSW	3.0	2.9	.9									6.8	4.2
W	4.5	4.9	2.4	.1								11.9	4.5
WNW	3.7	3.4	1.0	.1								8.2	4.1
NW	2.0	3.0	1.0									6.0	4.4
NNW	2.6	2.9	1.0	.2								6.7	4.6
VARBL													
CALM												9.4	
	38.4	39.0	12.2	1.1								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70.73-80 YEARS JUL MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.8	.5									4.7	3.9
NNE	1.1	.8	.1									1.9	3.7
NE	1.3	1.4	.5									3.2	4.2
ENE	1.7	1.8	.8		.1							4.4	4.4
E	2.5	3.4	2.4									8.3	5.1
ESE	1.4	3.3	1.5	.5								6.8	5.8
SE	1.5	1.7	.8	.2								4.2	5.1
SSE	1.8	2.2	1.3	.1								5.4	4.9
S	2.5	4.7	1.5	.1								8.8	4.9
SSW	1.5	3.4	1.9	.2								7.1	5.5
SW	1.4	1.6	1.2	.3								4.5	5.9
WSW	1.2	3.5	1.8									6.6	5.4
W	3.9	4.7	2.3	.3								11.2	4.9
WNW	1.7	3.0	1.1	.1								5.9	4.9
NW	1.1	2.8	1.6	.2	.1							5.8	5.9
NNW	2.0	2.2	1.0	.1								5.3	4.6
VARBL													
CALM												5.9	
	28.9	42.5	20.2	2.3	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS JUL MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.0	.5	.2	.1							3.2	5.4
NNE	2.0	.3	.4	.3	.1							3.2	4.9
NE	1.2	1.7	.3									3.2	4.1
ENE	2.8	1.6	.8									5.2	3.8
E	2.8	3.2	1.0	.2								7.2	4.6
ESE	2.2	1.8	1.0	.2								5.2	4.7
SE	.9	1.5	.6	.1								3.1	5.2
SSE	2.7	2.0	.9	.3								5.9	4.5
S	4.4	4.1	2.6	.2								11.3	4.8
SSW	1.5	3.2	2.8	.3								7.8	5.8
SW	1.0	2.8	2.9	.2								6.9	6.2
WSW	2.0	3.2	1.5	.1								6.9	5.1
W	2.5	4.9	2.0	.1								9.6	5.1
WNW	1.5	1.9	1.3	.1								4.8	5.1
NW	1.1	2.4	1.5									4.9	5.3
NNW	1.1	2.8	.6	.2		.1						4.8	5.4
VARBL													
CALM												6.7	
	31.0	38.6	20.8	2.7	.2	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS JUL MONTH 1800-2000 HOURS [L.S.T.]
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.5										2.2	2.9
NNE	1.2	.9	.2	.1								2.4	3.8
NE	1.3	.4		.1								1.8	3.2
ENE	2.5	1.0	.1									3.5	2.9
E	4.6	1.3	.5	.3								6.8	3.8
ESE	.9	1.0	.2	.2								2.3	4.7
SE	1.6	1.3	.5									3.4	4.2
SSE	4.0	.6	.5									5.2	3.1
S	4.7	3.3	.5									8.6	3.4
SSW	3.9	5.5	1.2	.2								10.8	4.3
SW	4.6	3.2	.8	.1								8.7	3.9
WSW	3.1	2.4	.9	.1								6.5	4.2
W	3.7	2.5	.3	.1								6.6	3.8
WNW	1.7	.6	.2									2.6	3.4
NW	1.4	1.8	.4									3.7	4.1
NNW	2.0	.1		.1								2.3	2.9
VARBL													
CALM												22.9	
	42.8	26.5	5.5	1.4								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

JUL

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.3	.1	.1								1.2	4.5
NNE	.9	.5		.1								1.5	3.7
NE	1.7	.4										2.2	2.7
ENE	1.5	.8	.1									2.4	3.0
E	4.0	1.4	.3									5.7	3.0
ESE	1.6	.9	.2	.2								2.9	4.1
SE	1.1	.3	.3									1.7	3.3
SSE	2.2	1.0	.4	.1								3.7	3.7
S	5.8	1.7										7.5	2.6
SSW	4.9	2.6	.3									7.8	3.1
SW	3.8	2.5	.3									6.6	3.4
WSW	4.5	3.1	.1									7.7	3.3
W	4.6	2.4	.1									7.1	2.9
WNW	1.6	.5		.1								2.3	3.4
NW	.6	.8	.1									1.5	3.9
NNW	.8		.1									.9	2.9
VARBL													
CALM												37.4	
	40.2	19.1	2.6	.6								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70.73-80 YEARS JUL MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.5	.9	.2	.1	.0							2.6	3.7
NNE	1.4	.5	.1	.1	.0							2.1	3.5
NE	2.0	1.0	.2	.0								3.1	3.2
ENE	2.5	1.3	.4		.0							4.2	3.4
E	3.7	2.5	.8	.1								7.2	4.0
ESE	1.6	1.7	.6	.2								4.1	4.6
SE	1.2	1.0	.4	.1								2.7	4.4
SSE	1.9	1.1	.5	.1								3.5	3.9
S	3.4	2.3	.7	.1								6.5	3.8
SSW	2.6	2.6	.9	.1								6.2	4.2
SW	2.7	2.0	.8	.1								5.5	4.1
WSW	2.9	2.6	.7	.0								6.2	4.0
W	4.2	3.5	1.0	.1								8.7	3.9
WNW	2.2	1.5	.5	.1								4.3	3.9
NW	1.7	1.7	.6	.0	.0							4.0	4.3
NNW	1.6	1.4	.3	.1		.0						3.4	4.2
VARBL													
CALM												25.4	
	37.3	27.5	8.6	1.1	.1	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS
ALL WEATHER CLASS
0000-0200 MONTH
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.8										1.7	3.3
NNE	2.4	.5	.1									3.0	2.6
NE	5.7	2.3	.1									8.1	2.7
ENE	5.5	1.7	.5									7.7	3.0
E	3.8	1.6	.1									5.5	2.8
ESE	1.3	.1	.1									1.5	2.6
SE	.3	.2	.2									.8	4.6
SSE	1.2	.1										1.3	2.2
S	1.6	.3										1.9	2.4
SSW	1.8	.3		.1								2.3	2.9
SW	1.5	.5										2.0	2.8
WSW	2.7	.5										3.2	2.5
W	2.6	1.2										3.8	2.8
WNW	1.0	.2										1.2	2.5
NW	1.6	.2										1.8	2.3
NNW	.9	.2										1.1	2.5
VARBL													
C LM												53.1	
	34.7	10.9	1.2	.1								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS AUG MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	.6	.1									2.7	2.7
NNE	4.2	1.7										5.9	2.7
NE	7.4	2.0	.1									9.6	2.7
ENE	6.5	1.8	.1									8.4	2.6
E	4.1	.8	.2									5.1	2.8
ESE	.9	.1	.2									1.2	3.5
SE	.4	.1	.1	.1								.8	4.9
SSE	.1	.5										.6	3.7
S	1.1	.1										1.2	2.1
SSW	.9	.2										1.1	2.2
SW	.6	.5										1.2	2.7
WSW	1.3	.2										1.5	2.4
W	2.4	.4										2.8	2.5
WNW	1.0	.2										1.2	2.5
NW	1.5	.3										1.8	2.4
NNW	.9	.2										1.1	2.3
VARBL													
CALM												53.9	
	35.1	10.0	.9	.1								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03050 STATION FT RUCKER AL 69-70,73-80 YEARS AUG MONTH
CLASS ALL WEATHER
HOURS (L.S.T.) 0600-0800

SPEED (K.NTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	3.5	1.1										4.6	2.5
NNE	3.0	1.7	.1									4.8	3.1
NE	6.0	3.7	.3									10.0	3.1
ENE	8.1	3.2	.5									11.8	3.1
E	7.7	4.7	.5									13.0	3.2
ESE	2.0	1.2	.3	.1								3.7	3.6
SE	1.7	.4	.2	.1								2.5	3.2
SSE	1.0	.4	.1									1.5	2.9
S	1.0	.8										1.7	3.2
SSW	.8	.4	.1									1.3	3.3
SW	1.0	.2	.1									1.3	3.1
WSW	1.0	.6										1.6	3.2
W	3.2	.5	.1									3.9	2.6
WNW	1.3	1.2	.1									2.6	3.5
NW	2.0	.9										2.9	2.8
NNW	2.0	.6	.2									2.9	3.1
VARBL													
CAIM												29.9	
	45.4	21.7	2.8	.2								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70, 73-80 YEARS AUG MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	3.1	1.1	.1									4.3	2.8
NNE	2.2	1.0	.2									3.3	3.2
NE	3.1	2.3	.8	.1								6.2	4.1
ENE	3.8	3.2	1.7	.1								8.8	4.5
E	5.7	6.1	3.1	.4								15.4	4.7
ESE	3.0	3.7	.4	.1								7.2	3.8
SE	1.9	1.3	.4	.3								4.0	4.6
SSE	2.4	1.7	.1									4.2	3.5
S	2.4	1.6	.1	.1								4.2	3.8
SSW	2.6	1.3	.2	.2								4.3	3.5
SW	1.4	.9		.1								2.4	3.4
WSW	.9	1.7	.3									2.9	4.6
W	2.9	1.6	.8		.1							5.4	4.2
WNW	2.4	1.5	.2									4.1	3.4
NW	1.6	2.3	.3									4.2	3.9
NNW	2.0	1.5	.1									3.7	3.4
VARBL													
CALM												15.5	
	41.3	32.7	8.9	1.5	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS AUG MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.4	.4									4.3	4.1
NNE	1.0	1.6	.5	.1								3.2	4.6
NE	1.9	2.8	.8									5.5	4.5
ENE	2.5	4.2	1.7	.3								8.7	4.9
E	4.0	7.3	2.2	.4								13.9	4.8
ESE	2.7	3.2	.6									6.6	4.1
SE	1.4	2.9	.8									5.1	4.6
SSE	2.4	2.0	.9									5.3	4.3
S	2.3	4.8	1.6	.2								8.9	5.0
SSW	1.4	3.0	.8	.2								5.4	4.9
SW	2.2	1.8	1.0	.1								5.1	4.4
WSW	1.7	1.9	.4	.2								4.3	4.5
W	2.3	3.3	.8		.1							6.5	4.8
WNW	1.8	1.9	.1									3.9	3.7
NW	.5	1.2	.8	.1								2.6	5.8
NNW	.6	1.6	.8									3.0	5.2
VARBL													
CALM												8.0	
	30.1	46.1	14.0	1.7	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70, 73-80 YEARS
AUG MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.5	.1		.1							3.9	3.9
NNE	2.0	2.3	.2									4.5	3.8
NE	1.7	3.1	1.0									5.8	4.4
ENE	2.0	3.5	1.0	.1								6.7	4.6
E	3.4	3.5	.5	.1								7.6	3.8
ESE	1.8	1.6	.5									4.0	4.2
SE	2.2	1.9	.9									4.9	4.2
SSE	2.5	2.8	.6	.3								6.2	4.6
S	4.2	5.5	1.9	.3								11.9	4.7
SSW	1.8	3.2	1.3	.2								6.6	5.1
SW	1.1	1.8	1.1	.3								4.3	5.6
WSW	1.8	2.9	1.2	.1								6.0	5.0
W	1.9	2.0	.8	.1								4.8	4.4
WNW	1.1	2.0	.5									3.7	4.6
NW	1.0	2.2	.5									3.7	4.7
NNW	1.6	1.6	.8	.1								4.1	4.8
VARBL													
CALM												11.3	
	32.4	41.6	12.9	1.7	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS AUG MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.1	.1									3.5	3.0
NNE	2.5	1.0	.3	.1								3.9	3.3
NE	3.1	1.6	.2									4.9	2.9
ENE	3.2	1.1	.3									4.6	2.9
E	2.2	1.3	.2									3.7	2.9
ESE	1.6	.9	.4	.2								3.1	4.2
SE	1.7	.5	.4									2.7	3.5
SSE	2.5	.8										3.2	2.5
S	5.2	2.4	.8	.1								8.4	3.4
SSW	2.8	2.5	.1									5.4	3.5
SW	2.7	1.7	.6	.1								5.2	4.0
WSW	1.8	2.2	.4									4.4	3.8
W	3.1	1.3	.1									4.5	2.9
WNW	1.9	.5										2.5	3.8
NW	2.2	1.2	.2									3.5	3.4
NNW	1.5	1.0	.3									2.8	3.4
VARBL													
CALM												33.7	
	40.3	20.9	4.6	.5								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

0385C STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS AUG MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0										2.2	3.3
NNE	2.4	.6										3.0	2.6
NE	4.8	1.2										6.0	2.5
ENE	3.5	1.4	.1									5.1	2.9
E	3.3	.8	.2									4.3	2.6
ESE	1.7	.2	.2									2.2	3.5
SE	1.6	.2	.1									1.9	2.6
SSE	1.8	.6										2.5	2.5
S	3.5	.6										4.2	2.4
SSW	2.9	.3										3.2	2.2
SW	2.2	1.1	.2									3.4	3.2
WSW	2.0	.9										2.9	2.8
W	3.0	1.0										4.0	2.8
WNW	1.2	.5										1.7	2.7
NW	1.3	.9										2.2	2.9
NNW	.8	.8										1.5	3.1
VARBL													
CALM												49.8	
	37.3	12.0	.9									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS
ALL WEATHER CLASS
ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.2	.1		.0							3.4	3.2
NNE	2.4	1.3	.2	.0								4.0	3.2
NE	4.2	2.4	.4	.0								7.0	3.3
ENE	4.4	2.5	.8	.1								7.7	3.6
E	4.3	3.3	.9	.1								8.5	3.8
ESE	1.9	1.4	.4	.1								3.7	3.9
SE	1.4	1.0	.4	.1								2.8	4.1
SSE	1.7	1.1	.2	.0								3.1	3.6
S	2.6	2.0	.6	.1								5.3	4.0
SSW	1.9	1.4	.3	.1								3.7	3.9
SW	1.6	1.1	.4	.1								3.1	4.1
WSW	1.7	1.4	.3	.0								3.4	3.9
W	2.7	1.4	.3	.0	.0							4.4	3.6
WNW	1.5	1.0	.1									2.6	3.5
NW	1.5	1.1	.2	.0								2.8	3.7
NNW	1.3	.9	.3	.0								2.5	3.8
VARBL													
CALM												31.9	
	37.1	24.5	5.8	.7	.0							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS SEP MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.6	1.1									6.2	4.3
NNE	3.4	2.9	.1									6.4	3.2
NE	6.4	3.7	.7									10.1	3.4
ENE	6.2	2.9	1.3	.2								10.7	4.0
E	5.1	2.9	1.4									9.4	3.9
ESE	.8	.4	.1	.3								1.7	5.4
SE	.4	.1	.4									1.0	5.7
SSE	.1	.1										.2	3.0
S	.8	.3										1.1	2.9
SSW	1.3	.7										2.0	2.9
SW	1.3	.4										1.8	2.6
WSW	1.2	.6										1.8	2.4
W	2.1	.4	.2									2.8	3.0
WNW	1.2	.8										2.0	3.2
NW	1.7	1.2	.2									3.1	3.5
NNW	2.7	.8	.1									3.6	2.9
VARBL													
CALM												36.1	
	37.4	20.1	5.8	.6								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL 69-70,73-80 YEARS SEP MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	3.3	.7									6.0	4.4
NNE	3.8	2.3	.2									6.3	3.3
NE	9.4	3.8	.4	.1								13.8	3.0
ENE	8.0	3.7	2.1	.3								14.1	3.9
E	4.4	2.6	1.9									8.9	4.2
ESE	.9	.6	.2									1.7	3.8
SE	.3	.3	.2		.1							1.0	6.6
SSE	.1	.1	.2									.4	5.5
S	.6	.3										.9	3.1
SSW	.4	.2										.7	2.5
SW	.4	.4										.9	3.6
WSW	.6	.1										.7	2.7
W	2.0	.3										2.3	2.7
WNW	1.0	.3										1.3	2.9
NW	2.4	1.0										3.4	2.8
NNW	2.2	.9										3.1	3.0
VARBL													
CALM												34.4	
	38.7	20.3	6.0	.4	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70.73-80 YEARS SEP MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.9	.4	.1								6.2	4.1
NNE	3.3	4.6	1.0	.1								9.0	4.1
NE	7.6	4.2	1.0	.1								12.9	3.5
ENE	6.5	6.5	2.6	.6								16.0	4.5
E	6.2	5.9	2.6	.2			.1					15.0	4.7
ESE	1.8	1.1	.3									3.2	3.6
SE	1.1	.7	.2									2.0	3.5
SSE	.6	.4	.2	.2								1.4	5.8
S	.3	.7	.1	.1				.1				1.3	7.9
SSW	.6	.1										.7	2.7
SW	.3	.2										.6	2.8
WSW	.7	.7	.1									1.4	3.5
W	.8	.9	.1									1.8	3.9
WNW	.6	.7	.1									1.3	3.8
NW	1.4	.7	.4									2.6	3.8
NNW	2.0	1.0	.4	.1								3.6	4.0
VARBL													
CALM												20.9	
	36.5	31.1	9.7	1.6			.1	.1				100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS SEP MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.0	1.4	.2								6.8	4.8
NNE	2.2	2.0	.6	.2								5.0	4.3
NE	1.8	4.0	1.1	.2								7.1	4.9
ENE	3.6	5.2	4.3	.3								13.4	5.4
E	4.6	7.4	5.6	.3	.2							18.1	5.6
ESE	3.7	3.8	2.2									9.7	4.7
SE	1.4	1.3	.9									3.7	4.6
SSE	1.9	1.9	.4									4.2	4.0
S	1.9	1.9	.6	.3			.1					4.8	5.3
SSW	.6	.9	.6	.1	.1	.1						2.3	6.7
SW	1.0	.9	.2									2.1	3.8
WSW	1.2	.9	.4	.1								2.7	4.5
W	1.8	1.8	.6									4.1	3.9
WNW	.9	.6	.1	.1								1.7	3.9
NW	.9	1.4	.9	.3								3.6	5.4
NNW	.6	1.8	1.2	.2								3.8	5.9
VARBL													
CALM												7.0	
	30.0	38.8	21.1	2.6	.3	.1	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS SEP MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.8	1.9	1.9	.1								5.7	5.2
NNE	.9	2.6	1.4	.1								5.0	5.4
NE	2.3	3.8	2.2	.1								8.4	5.3
ENE	2.1	4.2	3.7	.2								10.2	5.8
E	3.1	6.8	4.0	1.1								15.0	5.7
ESE	2.0	2.9	1.9	.2								7.0	5.2
SE	.6	2.9	1.0									4.4	5.5
SSE	1.7	2.3	.4	.1								4.6	4.4
S	1.7	1.4	.9	.2								4.2	4.9
SSW	.7	2.0	.8	.2								3.7	5.8
SW	.6	1.1	.9	.3								2.9	6.6
WSW	.9	1.4	.8									3.1	4.9
W	2.2	3.0	.9									6.1	4.4
WNW	.7	2.1	.8									3.6	5.0
NW	1.0	2.1	1.4	.3								4.9	5.9
NNW	1.3	2.4	2.1	.4								6.3	6.0
VARBL													
CALM												4.9	
	23.4	43.0	25.1	3.6								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS SEP MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.8	3.0	.2								10.0	5.3
NNE	2.3	3.8	1.6									7.7	4.8
NE	2.7	4.4	2.1	.1								9.3	4.9
ENE	2.9	3.4	1.7	.4								8.4	5.0
E	3.4	3.8	1.4	.8								9.4	5.0
ESE	1.9	2.9	.6	.2								5.6	4.6
SE	1.9	1.4	.2	.2								3.8	4.2
SSE	1.6	1.6	.6	.1	.1							3.9	4.6
S	1.7	2.3	1.3									5.3	4.9
SSW	1.3	1.3	1.2	.1								4.0	5.1
SW	.1	1.2	.9	.1								2.3	6.8
WSW	1.2	.9	.8									2.9	4.6
W	2.1	2.7	.3	.1								5.2	4.3
WNW	.8	1.1	.2									2.1	4.2
NW	1.6	1.2	.9	.2								3.9	5.1
NNW	1.4	3.1	1.9	.1								6.6	5.5
VARBL													
CALM												9.6	
	29.9	39.0	18.7	2.8	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL 69-70, 73-80 YEARS SEP MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	1.9	1.2	.1								8.6	3.7
NNE	3.6	2.2	.3									6.1	3.4
NE	4.8	2.4	1.1	.2								8.6	3.8
ENE	4.4	1.9	1.2									7.6	3.8
E	2.7	1.6	1.2	.7								6.1	5.3
ESE	1.0	.7	.2		.1							2.0	4.5
SE	1.7	.7	.2									2.6	3.6
SSE	1.6	.6										2.1	2.8
S	3.7	1.9	.3									5.9	3.1
SSW	2.2	1.6	.2									4.0	3.6
SW	1.6	.6	.3									2.4	3.6
WSW	1.4	.4	.2									2.1	3.1
W	1.9	.7	.1									2.7	3.1
WNW	1.2	.6	.3									2.1	3.6
NW	1.8	2.0	.6									4.3	4.2
NNW	2.1	2.1	.7	.1								5.0	4.0
VARBL													
CALM												27.9	
	40.9	21.7	9.3	1.1	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS SEP MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.0	1.0									6.4	4.4
NNE	2.9	1.8	.7									5.3	3.5
NE	5.0	1.7	.3									7.0	3.2
ENE	5.7	3.1	1.8									10.6	4.1
E	2.9	2.7	1.1	.2								6.9	4.7
ESE	1.2	.9		.1								2.2	4.0
SE	1.2	1.1										2.3	3.6
SSE	1.3	.6	.1									2.0	2.9
S	1.7	.8										2.4	2.6
SSW	1.2	1.6										2.8	3.6
SW	1.1	.7										1.8	3.1
WSW	1.9	.4										2.3	2.5
W	1.6	.7										2.2	2.8
WNW	1.2	.7	.2									2.1	3.2
NW	1.9	1.1										3.0	3.1
NNW	1.9	1.6										3.4	3.2
VARBL													
CALM												37.1	
	35.1	22.2	5.2	.3								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS SEP MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.8	1.3	.1								7.0	4.5
NNE	2.8	2.8	.7	.1								6.4	4.0
NE	5.0	3.4	1.1	.1								9.7	3.9
ENE	4.9	3.9	2.3	.3								11.4	4.6
E	4.1	4.2	2.4	.4	.0		.0					11.1	5.0
ESE	1.7	1.7	.7	.1	.0							4.1	4.6
SE	1.1	1.1	.4	.0	.0							2.5	4.5
SSE	1.1	.9	.3	.1	.0							2.4	4.1
S	1.5	1.2	.4	.1			.0	.0				3.3	4.4
SSW	1.0	1.0	.3	.1	.0	.0						2.5	4.5
SW	.8	.7	.3	.1								1.8	4.5
WSW	1.1	.7	.3	.0								2.1	3.8
W	1.8	1.3	.3	.0								3.4	3.7
WNW	.9	.8	.2	.0								2.0	3.9
NW	1.6	1.3	.6	.1								3.6	4.4
NNW	1.8	1.7	.8	.1								4.4	4.6
VARBL													
CALM												22.2	
	34.0	29.5	12.5	1.6	.1	.0	.0	.0				100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	3.1	4.2	1.0									8.3	4.2
NNE	3.3	2.0	.4									5.8	3.4
NE	6.9	4.1	.2	.1								11.3	3.2
ENE	5.4	3.7	.9									9.9	3.7
E	4.0	2.0	.6									6.7	3.5
ESE	.9	.8	.5									2.2	4.6
SE	1.0	.2										1.2	2.7
SSE	.4	.1	.1	.1								.8	5.0
S	.4	.3	.1	.2								1.1	5.5
SSW	.6	.3	.1									1.1	3.2
SW	.4	.3										.8	3.1
WSW	.1		.1									.2	4.5
W	1.1	.5										1.6	3.3
WNW	1.2	.8	.1									2.0	3.5
NW	3.2	2.4	.9	.4								6.9	4.6
NNW	3.9	2.5	1.4	.2								8.0	4.1
VARBL													
CALM												32.4	
	35.9	24.2	6.5	1.1								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS OCT MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.9	1.0	.1								7.8	4.3
NNE	1.7	4.0	.9									6.6	4.4
NE	6.9	5.6	.2									12.7	3.2
ENE	5.3	3.1	1.2	.1								9.7	3.9
E	5.2	2.7	1.8	.2								9.9	4.2
ESE	1.6	1.0	.2									2.8	3.9
SE	1.0	.3										1.3	3.0
SSE	.1	.5		.1								.8	5.3
S	.3	.1			.1							.5	5.8
SSW	.5	.3		.1								1.0	4.6
SW	.2	.3										.5	3.6
WSW	.1	.1										.5	3.0
W	.5	.6	.2									1.4	3.8
WNW	.9	.8										1.6	3.5
NW	1.5	2.0	1.5	.2								5.3	5.2
NNW	3.4	3.3	1.5	.1								8.4	4.4
VARBL													
CALM												29.2	
	52.5	28.7	8.5	1.0	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS OCT MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	4.5	2.2	.4								8.7	5.5
NNE	4.2	2.0	1.2									7.4	3.8
NE	5.3	7.0	1.6	.1								14.0	4.1
ENE	5.8	6.2	2.7	.2								14.9	4.5
E	5.1	4.7	1.9	.4								12.2	4.6
ESE	1.1	2.3	.8	.2								4.3	4.9
SE	.3	.9										1.2	3.9
SSE	.5	.1										.6	2.7
S	.4	.1										.5	2.2
SSW	.1	.3	.1									.5	5.2
SW	.1	.2	.1									.4	5.0
WSW	.2	.3	.1									.6	4.2
W	.5	.8	.2									1.5	4.0
WNW	.4	.5	.2	.2								1.4	5.6
NW	1.2	1.8	1.7	.3								5.1	5.9
NNW	2.3	2.0	1.6	.2								6.1	5.1
VARBL													
CALM												20.4	
	29.1	33.9	14.4	2.2								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL 69-70, 73-80 YEARS OCT MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.8	3.5	.8								9.4	6.2
NNE	1.6	4.1	1.7	.4								7.8	5.4
NE	2.2	3.1	1.8	.2								7.3	5.1
ENE	1.7	4.8	3.3	.1								10.0	5.7
E	3.7	7.0	6.2	.8	.1							17.7	5.8
ESE	1.8	3.0	2.2	.1								7.1	5.4
SE	.9	2.3	2.2	.4								5.7	6.3
SSE	.9	2.7	.4									4.0	4.9
S	.6	1.2	.5									2.4	4.9
SSW	.3	1.2	.4									1.9	5.2
SW	.2	.4	.1									.8	4.1
WSW	.8	1.0	.4	.1								2.3	4.9
W	1.5	1.2	.5	.4								3.7	5.1
WNW	.8	1.1	.9	.3								3.0	6.2
NW	.6	1.8	1.0	.4								3.9	5.9
NNW	1.0	2.5	3.3	.2								7.0	6.7
VARBL													
CALM												6.1	
	20.8	40.1	28.6	4.3	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 FT RUCKER AL 69-70,73-80 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	3.8	3.7	.8	.1							9.9	6.6
NNE	1.0	3.3	1.9	.1								6.3	5.7
NE	1.8	3.4	2.4									7.6	5.5
ENE	1.7	3.9	3.1	.2								8.9	5.8
E	2.4	5.7	4.3	.3								12.7	5.7
ESE	1.8	3.4	2.0	.1								7.4	5.2
SE	.4	1.9	1.3	.1								3.8	6.0
SSE	1.5	1.5	1.2	.1								4.3	5.0
S	1.1	1.9	.8	.3								4.1	5.3
SSW	1.2	1.2	.6	.3								3.3	5.1
SW	.3	1.1	.4	.1								1.9	5.9
WSW	.4	.6	.6	.1								1.8	5.8
W	1.5	1.7	1.3	.2								4.7	5.2
WNW	.8	2.0	2.3	.4								5.5	6.5
NW	.5	2.9	2.6	1.1								7.0	7.2
NNW	1.6	1.9	2.4	.8								6.7	6.5
VARB.													
CALM												4.0	
	19.7	40.3	30.9	5.1	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL 69-70, 73-80 YEARS OCT MONTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	4.0	1.8	.4								9.9	4.9
NNE	2.5	4.5	.8	.1								7.8	4.3
NE	3.7	3.5	.8									8.0	4.1
ENE	2.2	4.0	1.2									7.3	4.7
E	4.9	3.8	1.5	.1								10.3	4.1
ESE	2.3	2.4	.4	.1								5.2	4.0
SE	1.7	1.6	.3									3.7	4.0
SSE	.9	1.6	.1									2.6	4.0
S	1.2	1.1	.8	.1								3.1	4.9
SSW	.8	1.0	.8									2.5	5.1
SW	.5	1.4	.1	.1								2.2	4.8
WSW	.6	.9	.3									1.8	4.3
W	.9	1.5	1.1	.1								3.5	5.3
WNW	1.1	1.6	1.0	.2								3.9	5.3
NW	1.7	3.0	2.2	.3								7.2	5.7
NNW	1.3	4.3	3.1	1.0	.1							9.8	6.5
VARBL													
CALM												11.3	
	29.8	40.1	16.1	2.6	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 FT RUCKER AL

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.8	3.8	1.6	.2								9.4	4.5
NNE	6.7	1.8										8.5	2.6
NE	6.6	1.9	.1									8.6	2.7
ENE	5.5	1.2	.5									7.2	2.9
E	3.2	1.3	.4									4.9	3.4
ESE	.9	.6	.2									1.7	3.9
SE	1.0	.4	.2									1.6	3.7
SSE	.9	.4										1.3	3.3
S	1.5	.5	.1									2.2	2.8
SSW	1.1	1.5										2.6	4.0
SW	.8	1.0	.1									1.8	3.9
WSW	1.1	.5										1.6	3.0
W	1.9		.1									2.0	2.4
WNW	2.0	1.1	.2									3.3	3.3
NW	2.9	3.2	1.0	.2								7.3	4.3
NNW	3.9	3.5	1.2									8.6	4.1
VARBL													
CALM												27.3	
	43.5	22.9	5.8	.4								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70, 73-80 YEARS OCT MONTH
ALL EATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.6	.8									7.5	4.5
NNE	4.6	1.9	.3									6.9	3.2
NE	6.9	3.1										10.0	2.7
ENE	5.4	2.9	.9									9.1	3.6
E	2.6	2.3	1.1									5.9	4.1
ESE	.4	.3	.4									1.2	4.8
SE	1.1	.9										1.9	3.4
SSE	.9	.5	.1									1.5	3.1
S	2.2	.3	.1	.1								2.7	2.9
SSW	1.2	.3	.1									1.6	2.9
SW	1.1	.3										1.4	2.9
WSW	.6	.4										1.1	3.3
W	.9	.3										1.2	2.7
WNW	2.2	1.3	.1	.1								3.7	3.7
NW	2.6	3.1	.2	.1								6.0	3.9
NNW	2.8	3.3	.8	.3								7.2	4.4
VARBL													
CALM												51.1	
	37.4	26.0	4.8	.6								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70, 73-80 YEARS
OCT MONTH
ALL HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.9	1.9	.3	.0							8.9	5.1
NNE	3.2	3.0	.9	.1								7.2	4.1
NE	5.0	4.0	.9	.1								9.9	3.7
ENE	4.1	3.7	1.7	.1								9.6	4.4
E	3.9	3.7	2.2	.2	.0							10.0	4.7
ESE	1.3	1.7	.8	.1								4.0	4.8
SE	.9	1.1	.5	.1								2.5	4.8
SSE	.8	.9	.2	.0								2.0	4.4
S	1.0	.7	.3	.1	.0							2.1	4.4
SSW	.7	.8	.3	.1								1.8	4.5
SW	.5	.6	.1	.0								1.2	4.4
WSW	.5	.5	.2	.0								1.2	4.3
W	1.1	.8	.4	.1								2.5	4.4
WNW	1.2	1.1	.6	.2								3.1	4.9
NW	1.8	2.5	1.4	.4								6.1	5.3
NNW	2.5	2.9	1.9	.3	.0							7.7	5.2
VARBL													
CALM												20.2	
	31.1	32.0	14.4	2.2	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70.73-80 YEARS NOV MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.2	2.4									7.9	5.0
NNE	1.9	2.7	.6									5.1	4.3
NE	2.2	2.6										4.8	3.4
NNE	3.8	2.3	.1									6.2	3.0
E	2.8	3.1	.7									6.6	4.1
ESE	2.2	.9	.7									3.8	3.9
SE	1.9	.6	.2									2.7	3.0
SSE	.8	.9	.6									2.2	4.9
S	1.8	1.3	.3									3.4	3.6
SSW	.3	.7	.4	.1								1.6	5.6
SW	.9	.7										1.6	3.3
WSW	1.0	.8	.1									1.9	4.0
W	1.2	1.3	.1	.1								2.8	4.2
WNW	.4	1.2	.9	.1								2.7	6.0
NW	2.1	3.9	1.6	.1								7.7	4.9
NNW	2.6	4.1	.9	.4								8.0	4.7
VARBL													
CALM												31.1	
	28.1	30.3	9.6	.9								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS NOV MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.7	2.1									8.6	5.0
NNE	3.4	2.6	.1									6.1	3.1
NE	6.8	2.9	.1									9.8	3.0
ENE	3.9	2.7										6.6	3.3
E	3.1	2.6	1.2									6.9	4.0
ESE	1.6	1.4	.2	.1								3.3	4.1
SE	.8	.8	.4									2.0	4.4
SSE	1.1	1.2	.7									3.0	4.9
S	.4	.6	.3									1.3	4.9
SSW	.2	.2	.3	.1								.9	6.6
SW	.6	.3										.9	2.8
WSW	.3	.8	.4									1.6	4.9
W	1.1	1.3	.3									2.8	4.2
WNW	1.4	2.0	.6	.7								4.7	5.6
NW	2.3	2.2	.9	.3								5.8	4.7
NNW	3.4	3.0	1.6	.3								8.3	4.8
VARBL													
CALM												27.6	
	33.3	28.2	9.3	1.6								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL STATION NAME 69-70.73-80 YEARS NOV MONTH
0600-0800 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.7	3.1	.1								9.3	5.3
NNE	3.0	2.9	.6									6.4	3.7
NE	5.1	4.8	.3									10.2	3.6
ENE	4.8	3.3	.6	.1								8.8	3.6
E	3.1	4.3	1.3									8.8	4.3
ESE	1.7	1.7	.9									4.2	4.6
SE	.6	1.6	.3									2.4	4.6
SSE	.8	1.0	.8									2.6	5.1
S	.3	.9	.6									1.8	5.4
SSW	.3	.2	.2									.8	4.6
SW	.4	.2	.4									1.1	5.4
WSW	.2	.3	.2									.8	5.1
W	.8	1.7	.4									2.9	4.7
WNW	1.0	1.6	1.0	.3								3.9	5.8
NW	1.2	2.7	1.6	.6								6.0	5.9
NNW	3.4	2.6	1.7	.4								8.1	5.2
VARBL													
CALM												21.9	
	29.2	33.3	14.0	1.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	3.8	3.2	.2								8.6	6.1
NNE	1.7	1.9	1.3	.2								5.1	5.1
NE	2.3	3.2	1.2									6.8	4.5
ENE	2.4	2.8	2.3									7.6	5.0
E	4.2	5.2	3.1	.3								12.9	4.9
ESE	1.9	3.1	2.1	.1								7.2	5.5
SE	1.3	2.1	2.3	.3								6.1	6.1
SSE	.8	1.9	1.7	.1								4.4	5.8
S	1.6	1.9	1.8	.3								5.6	5.8
SSW	.7	.9	.9	.2								2.7	5.8
SW	.6	1.0	.1	.1								1.8	4.9
WSW	.2	1.0	.9									2.1	5.9
W	1.3	1.0	.7	.1								3.1	4.8
WNW	1.0	1.3	2.1	.6								5.0	6.9
NW	1.0	1.7	3.1	1.2	.2							7.2	7.8
NNW	1.0	2.8	2.9	1.4								8.1	7.2
VARBL													
CALM												5.8	
	23.3	35.6	29.8	5.3	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

900

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL 69-70, 73-80 YEARS NOV MONTH
CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	2.6	.8								7.2	6.5
NNE	2.7	1.3	.9									4.9	3.9
NE	1.0	1.6	.8	.1								3.4	5.7
ENE	.4	2.1	1.2									3.8	5.6
E	2.6	6.0	2.8	.2								11.6	5.2
ESE	1.9	2.2	1.3	.2								5.7	5.1
SE	.7	2.2	2.1	.2								5.2	6.4
SSE	1.3	1.4	1.1	.4								4.3	5.4
S	1.6	2.3	2.7	1.2								7.8	6.8
SSW	1.1	1.2	1.1	.7								4.1	6.5
SW	.3	2.1	.8	.1								3.3	5.8
WSW	.6	1.7	.9	.2								3.3	5.9
W	1.6	2.1	1.2	.6								5.4	5.9
WNW	1.3	3.1	2.2	.9								7.6	6.7
NW	.8	2.0	2.8	1.6	.1							7.2	8.1
NNW	.8	3.6	4.6	1.7								10.6	7.6
VARBL													
CALM												4.6	
	19.8	37.7	29.0	8.9	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 FT RUCKER AL 69-70, 73-80 NOV
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.1	2.0	.3								9.5	5.1
NNE	2.4	.9	.2									3.4	3.0
NE	2.2	.7	.2									3.1	3.3
ENE	2.9	1.7	.3	.2								5.1	4.0
E	3.3	2.8	.4	.1								6.7	3.8
ESE	2.2	2.3	.3									4.9	4.0
SE	1.7	2.0	1.1	.1								4.9	4.7
SSE	1.3	1.3	.7	.1								3.4	4.7
S	1.9	1.9	2.2	.4								6.5	5.8
SSW	1.9	.8	1.8	.2								4.7	5.4
SW	.9	.8	.6	.1								2.3	5.1
WSW	1.4	1.1	.1	.1								2.8	3.8
W	1.4	1.6	.8	.2								4.0	5.2
WNW	1.1	2.0	1.9	.6								5.6	6.3
NW	1.4	3.3	3.7	.8								9.2	6.5
NNW	1.2	4.6	2.9	1.6	.1							10.3	7.0
VARBL													
CALM												13.6	
	30.5	31.7	19.2	4.9	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	3.0	1.4	.2								7.9	4.5
NNE	3.7	.7										4.3	2.5
NE	3.6	.3	.1									4.0	2.2
ENE	2.6	1.2	.2	.1								4.1	3.2
E	3.1	1.3	.6									5.0	3.5
ESE	1.9	.6										2.5	2.9
SE	1.6	1.0	.7									3.2	4.4
SSE	1.2	1.7	.6									3.5	4.5
S	2.1	2.1	1.2									5.5	4.4
SSW	1.0	1.1	.2									2.3	4.3
SW	.8	.8										1.6	4.1
WSW	.8	.6										1.3	2.9
W	1.0	1.1	.2	.1								2.0	4.3
WNW	1.2	2.6	.9	.1								4.8	5.1
NW	2.8	3.9	1.4	.4								8.6	4.9
NNW	3.6	4.2	1.7	.2								9.7	4.8
VARBL													
CALM												29.2	
	34.1	26.2	9.3	1.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 69-70,73-80 YEARS NOV MONTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	2.7	3.2	1.9	.2	.1							8.1	5.1
NNE	2.2	.9	.1									3.2	3.1
NE	3.6	1.2	.1									4.9	3.0
ENE	4.3	1.7										6.0	2.8
E	3.1	1.8	.7									5.6	3.8
ESE	1.3	.3	.1									1.8	2.9
SE	.9	.7	.1	.1								1.8	4.1
SSE	1.9	1.2	1.0	.1								4.2	4.5
S	3.5	1.7	.6									5.7	3.4
SSW	1.6	.9	.2									2.7	3.4
SW	1.6	.1	.1									1.8	2.5
WSW	.8	1.0										1.8	3.6
W	.7	2.0	.2									2.9	4.5
WNW	.9	1.4	.7	.2								3.2	5.1
NW	2.7	4.2	1.7	.1								8.7	4.7
NNW	2.7	3.0	1.1	.3								7.1	4.7
VARBL													
CALM												30.4	
	34.3	25.4	8.6	1.1	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 03850 FT RUCKER AL STATION NAME 69-70,73-80 YEARS NOV
MONTH ALL
CLASS ALL
HOURS (L.E.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.4	2.3	.2	.0							8.4	5.3
NNE	2.6	1.7	.5	.0								4.8	3.7
NE	3.4	2.2	.4	.0								5.9	3.5
ENE	3.1	2.2	.6	.1								6.0	3.8
E	3.2	3.4	1.3	.1								8.0	4.4
ESE	1.8	1.6	.7	.1								4.2	4.4
SE	1.2	1.4	.9	.1								3.5	5.1
SSE	1.2	1.3	.9	.1								3.5	5.0
S	1.6	1.6	1.2	.3								4.7	5.2
SSW	.9	.8	.7	.2								2.5	5.3
SW	.8	.8	.3	.0								1.8	4.5
WSW	.7	.9	.3	.0								1.9	4.6
W	1.1	1.5	.5	.1								3.3	4.9
WNW	1.1	1.9	1.3	.4								4.7	6.0
NW	1.8	3.0	2.1	.6	.0							7.6	5.9
NNW	2.3	3.5	2.2	.8	.0							8.8	5.9
VARBL													
CALM												20.5	
	29.1	31.0	16.1	3.2	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7192

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL 68-70, 73-79 YEARS
ALL WEATHER CLASS
DEC MONTH
0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.5	.6	.4								5.2	5.1
NNE	.5	1.9		.1								2.6	4.6
NE	3.2	1.7	.1									5.1	3.1
ENE	3.0	2.8	.6	.2								6.7	4.2
E	1.6	2.9	1.7	.3								6.6	5.4
ESE	1.1	.9	.4	.1								2.5	4.8
SE	.8	.9	.3	.2								2.2	5.5
SSE	.6	1.9	.2	.1								2.9	4.6
S	2.2	1.7	1.0	.4	.1							5.4	5.4
SSW	.6	.4	.5	.4	.1							2.2	7.4
SW	.5	.3	.1	.4								1.4	6.6
WSW	.5	.6	.6	.1								1.9	5.4
W	2.4	2.6	.5	.3								5.8	4.4
WNW	1.7	2.2	1.6	1.0	.1							6.6	6.8
NW	2.6	4.1	1.8	1.8	.3							10.6	6.5
NNW	1.7	3.7	1.8	.5	.1							7.8	5.7
VARBL													
CALM												24.7	
	24.7	31.1	12.2	6.6	.8							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 FT RUCKER AL 68-70,73-79 DEC
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.4	1.6	.2								6.1	5.2
NNE	2.7	1.8	.4									5.0	3.6
NE	3.7	1.9	.1									5.7	3.2
ENE	3.2	3.0	.6	.2								7.1	4.1
E	3.0	3.1	1.5	.3								8.0	4.8
ESE	.6	1.1	.3	.3								2.4	5.7
SE	.8	.9	.1									1.7	3.5
SSE	1.1	1.3	.6	.1								3.1	4.9
S	1.0	1.7	1.1	.2								4.0	5.5
SSW	.6	1.0	.6	.6								2.9	7.3
SW	.4	1.1		.1								1.6	4.7
WSW	1.6	1.0	.1									2.7	2.4
W	1.7	1.7	1.0									4.4	4.5
WNW	1.4	1.9	.9	1.0	.1							5.3	6.6
NW	1.9	3.1	2.2	.9	.2							8.3	6.5
NNW	2.0	2.9	2.3	.8	.2							8.2	6.2
VARBL													
CALM												23.6	
	27.8	29.9	13.5	4.7	.5							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 68-70, 73-79 YEARS DEC MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	2.5	.4								7.4	6.2
NNE	2.3	2.3	.1									4.6	3.7
NE	3.1	3.1	.4									6.7	3.6
ENE	3.8	3.3	1.1									8.2	4.0
E	2.6	3.5	1.7	.5								8.4	5.4
ESE	.8	1.0	1.3									3.0	5.6
SE	.6	.5	.6									1.8	5.1
SSE	1.0	1.1	.4									2.5	4.2
S	1.9	1.3	1.3	.5								5.1	5.5
SSW	.9	.8	1.1	.6								3.3	6.7
SW	.5	.5	.3	.1								1.5	5.5
WSW	.8	1.0	.3									2.0	4.3
W	2.2	2.6	1.3	.3	.1							6.5	5.4
WNW	.9	1.5	1.5	.3								4.2	6.2
NW	1.5	3.1	2.2	1.0								7.7	6.2
NNW	2.8	3.0	1.6	1.3								8.7	6.2
VARBL													
CALM												18.4	
	26.8	31.8	17.7	5.2	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL

STATION NAME

68-70.73-79

YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.3	3.2	4.5	.8	.1							9.9	7.1
NNE	.8	1.7	1.3	.1								3.9	6.0
NE	1.4	1.9	1.0									4.3	4.8
ENE	1.8	2.5	1.7	.3								6.3	5.3
E	2.9	4.1	3.4	.3								10.8	5.5
ESE	1.2	2.4	2.5	.2								6.2	6.3
SE	.9	1.7	1.4	.2								4.2	5.9
SSE	.9	2.2	1.4	.2								4.6	6.1
S	1.4	3.1	2.6	.4	.1							7.6	6.4
SSW	.9	1.0	2.2	.3	.1							4.4	7.1
SW	.3	1.1	1.1	.1	.3							2.9	7.9
WSW	.4	.2	1.2	.4	.1							2.4	8.1
W	1.0	.9	1.5	1.3								4.6	7.8
WNW	1.0	1.2	2.2	1.5								5.8	7.9
NW	.8	3.0	3.3	1.7	.2							9.0	7.9
NNW	1.2	2.7	2.9	1.3								8.1	7.2
VARBL													
CALM												4.9	
	18.0	32.8	34.1	9.2	1.0							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 FT RUCKER AL 68-70, 73-79 DEC
STATION NAME YEARS MONTH
1200-1400
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.5	2.7	2.9	.2								7.3	6.1
NNE	1.2	1.3	1.0									3.4	4.5
NE	.8	1.1	.9									2.7	5.2
ENE	.8	1.8	.5									3.1	4.6
E	.8	3.3	2.3	.3								6.7	6.0
ESE	.6	1.9	1.3	.1								4.0	5.7
SE	.3	1.8	1.0	.2	.1							3.4	6.8
SSE	1.1	1.8	1.7	.4								5.1	6.4
S	1.2	2.0	2.7	1.3	.5							7.8	8.0
SSW	.8	1.2	1.8	1.4	.1							5.3	8.1
SW	.6	.6	1.6	1.0								3.9	7.7
WSW	.6	1.7	2.2	.6	.1							5.3	7.5
W	2.3	3.2	2.6	2.3	.2							10.5	7.2
WNW	1.3	1.5	3.0	1.6	.2							7.6	7.9
NW	1.0	2.0	2.9	2.3	.1							8.3	8.4
NNW	1.6	2.9	3.2	1.3	.3							9.4	7.2
VARBL													
CALM												6.2	
	16.4	31.1	31.5	13.0	1.7							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 68-70.73-79 YEARS DEC MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.5	1.8	.1								6.1	5.4
NNE	1.2	.9	.3									2.4	4.0
NE	1.1	.8	.2									2.0	3.8
ENE	1.2	1.6	.9									3.7	4.9
E	2.2	1.9	1.6	.4								6.1	5.4
ESE	1.0	1.4	.4	.2								3.0	4.9
SE	1.2	1.3	.6									3.1	4.9
SSE	1.5	1.7	1.5									4.7	5.1
S	1.6	2.4	1.7	.5								6.2	5.9
SSW	1.0	2.5	1.5	.6	.1							5.7	6.6
SW	.8	.4	1.2	.9								3.2	7.6
WSW	2.0	1.3	.8	.5								4.6	5.2
W	2.0	3.1	2.6	.5								8.3	6.0
WNW	1.7	2.7	2.8	1.6								8.8	7.0
NW	2.0	3.7	4.1	1.3	.1							11.2	6.8
NNW	.9	3.1	3.0	1.6								8.6	7.6
VARBL													
CALM												12.2	
	23.0	31.2	25.1	8.4	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850 STATION FT RUCKER AL STATION NAME 68-70,73-79 YEARS DEC
MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.9	1.4	.6	.2								4.2	4.5
NNE	1.9	1.4										3.3	3.3
NE	1.5	1.2	.3									3.0	3.7
ENE	1.9	1.7	.2	.2								4.1	4.1
E	2.7	2.7	1.1	.5								7.0	4.8
ESE	.3	1.7										2.1	4.4
SE	1.3	1.1	.5									2.9	4.3
SSE	1.0	1.1	.8									2.8	4.9
S	2.4	3.1	1.3	.1								6.9	4.8
SSW	.8	1.8	1.0	.1								3.7	5.5
SW	.8	1.3	.8		.1							2.9	5.6
WSW	1.3	.3	.1									1.7	3.3
W	1.6	1.9	.6	.2								4.4	4.8
WNW	1.7	2.6	1.9	.6								6.9	5.8
NW	2.2	4.6	3.2	1.1	.1							11.2	6.3
NNW	3.3	4.4	2.4	1.0								11.1	5.4
VARBL													
CALM												21.6	
	26.7	32.5	14.9	4.1	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL

STATION NAME

68-70.73-79

YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.5	1.0	.2								4.4	5.1
NNE	1.0	1.5	.1									2.6	4.2
NE	1.9	1.0	.5	.1								3.6	3.9
ENE	3.6	1.9	.6	.4								6.6	4.3
E	1.1	2.2	.9	.6								4.7	5.8
ESE	.8	1.0	.6	.1								2.5	5.2
SE	1.0	1.1	.2									2.3	4.0
SSE	.6	1.8	.9									3.3	5.3
S	2.2	2.3	1.6	.6								6.7	5.6
SSW	1.1	1.2	.6	.1								3.0	5.0
SW	1.1	1.2	.6									2.9	4.6
WSW	.6	.5	.2	.1								1.5	5.2
W	1.8	1.9	.9									4.6	4.5
WNW	2.3	2.7	1.3	.8	.1							7.1	5.7
NW	3.1	5.3	2.4	1.3								12.1	5.8
NNW	2.6	3.0	1.9	.9								8.4	5.9
VARBL													
CALM												23.6	
	26.4	30.1	14.5	5.3	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION FT RUCKER AL 68-70,73-79 YEARS
STATION NAME CLASS ALL WEATHER
CONDITION
DEC MONTH ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.4	2.0	.3	.0							6.3	5.8
NNE	1.4	1.6	.4	.0								3.5	4.2
NE	2.1	1.6	.4	.0								4.1	3.8
ENE	2.4	2.3	.8	.2								5.7	4.4
E	2.1	3.0	1.8	.4								7.3	5.4
ESE	.8	1.4	.9	.1								3.2	5.5
SE	.8	1.2	.6	.1	.0							2.7	5.2
SSE	1.0	1.6	.9	.1								3.6	5.3
S	1.7	2.2	1.7	.5	.1							6.2	6.0
SSW	.8	1.2	1.2	.5	.1							3.8	6.8
SW	.6	.8	.7	.3	.1							2.5	6.5
WSW	1.0	.8	.7	.2	.0							2.8	5.6
W	1.9	2.2	1.4	.6	.0							6.1	5.8
WNW	1.5	2.0	1.9	1.0	.1							6.5	6.8
NW	1.9	3.6	2.8	1.4	.1							9.8	6.7
NNW	2.0	3.2	2.4	1.1	.1							8.8	6.4
VARBL													
CALM												16.9	
	23.7	31.3	20.4	7.1	.6							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03850 STATION 03850 FT RUCKER AL STATION NAME 68-70,73-80 YEARS ALL MONTH ALL HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.6	1.5	.3	.0							6.4	5.2
NNE	2.0	1.7	.5	.1	.0							4.3	4.0
NE	2.8	2.1	.5	.0								5.4	3.7
ENE	2.8	2.3	1.0	.1	.0							6.1	4.2
E	2.9	2.9	1.5	.2	.0		.0					7.5	4.7
ESE	1.3	1.5	.8	.1	.0							3.7	4.8
SE	1.1	1.2	.7	.1	.0	.0						3.0	5.0
SSE	1.3	1.3	.8	.1	.0							3.6	5.0
S	2.2	2.3	1.4	.5	.1	.0	.0	.0				6.4	5.4
SSW	1.6	1.8	1.2	.4	.0	.0						5.0	5.6
SW	1.3	1.3	.7	.3	.0	.0						3.6	5.3
WSW	1.4	1.3	.6	.2	.0	.0						3.5	4.9
W	2.0	1.9	.9	.3	.0							5.1	5.0
WNW	1.3	1.5	1.0	.4	.0	.0						4.2	5.8
NW	1.6	2.3	1.6	.7	.1							6.1	6.1
NNW	1.8	2.4	1.5	.6	.0	.0						6.3	5.8
VARBL													
CALM												19.9	
	29.3	30.2	16.1	4.2	.3	.0	.0	.0				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 87625

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03850
STATION

FT RUCKER AL

STATION NAME

68-70,73-80

YEARS

ALL
MONTH

INSTRUMENT

CLASS

ALL

HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.5	1.7	.3	.0							5.5	5.8
NNE	1.3	1.6	.7	.1								3.6	4.7
NE	1.9	2.3	1.0	.1								5.3	4.6
ENE	2.4	3.0	2.3	.4								8.0	5.4
E	2.7	4.1	3.1	.5	.0		.0					10.5	5.7
ESE	1.5	2.2	1.2	.3	.0							5.2	5.4
SE	1.1	1.6	1.0	.2	.0							4.0	5.5
SSE	1.3	2.2	1.6	.3	.0							5.4	5.7
S	2.0	3.4	2.3	.9	.1	.0	.0	.0				8.7	6.2
SSW	1.3	2.1	1.7	.5	.1	.0						5.7	6.5
SW	1.1	1.3	.9	.3	.0	.0						3.7	5.8
WSW	1.1	1.4	.7	.1	.0	.0						3.4	5.1
W	1.4	1.8	.9	.2	.0							4.4	5.3
WNW	.5	1.1	1.1	.5	.0							3.3	7.1
NW	.7	1.2	1.8	1.0	.1							4.7	7.9
NNW	.9	1.8	1.7	.7	.0							5.1	6.9
VARBL													
CALM												13.4	
	22.4	33.5	23.7	6.4	.5	.1	.0	.0				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

10139

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

(continued on Reverse Side)

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{5}{16}$	≥ 0
NO CEILING															
1800															
1500					91.0										92.6
1200															
1000															
900															
800															
700															
600															
500										97.4					98.1
400															
300															
200															
100					95.4		96.9			98.3					100.0
0															

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43850
STATION

FT RUCKER AL

STATION NAME

6-7-73-80

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	33.5	47.3	47.7	47.7	47.8	47.8	47.8	47.9	47.9	48.3	48.3	48.3	48.5	48.5	49.1	49.4
≥ 20000	39.9	49.6	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.7	50.7	50.7	50.9	50.9	51.5	51.8
≥ 18000	39.9	49.6	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.7	50.7	50.7	50.9	50.9	51.5	51.8
≥ 16000	39.9	49.6	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.7	50.7	50.7	50.9	50.9	51.5	51.8
≥ 14000	43.2	49.9	50.4	50.4	50.5	50.5	50.5	50.6	50.6	51.0	51.0	51.0	51.2	51.2	51.8	52.1
≥ 12000	47.5	50.6	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.7	51.7	51.7	51.9	51.9	52.4	52.7
≥ 10000	41.9	52.6	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.7	53.7	53.7	53.9	53.9	54.5	54.8
≥ 9000	41.9	52.6	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.7	53.7	53.7	53.9	53.9	54.5	54.8
≥ 8000	42.2	53.4	53.3	53.8	53.9	53.9	53.9	54.0	54.0	54.5	54.5	54.5	54.7	54.7	55.2	55.5
≥ 7000	42.4	54.0	54.5	54.6	54.7	54.7	54.7	54.8	54.8	55.2	55.2	55.2	55.5	55.5	56.1	56.4
≥ 6000	43.8	56.1	56.5	56.7	56.8	56.8	56.8	56.9	56.9	57.4	57.4	57.4	57.7	57.7	58.2	58.6
≥ 5000	45.1	58.7	59.2	59.4	59.5	59.5	59.5	59.6	59.7	60.2	60.2	60.2	60.5	60.5	61.0	61.4
≥ 4500	46.0	59.6	60.2	60.4	60.5	60.5	60.5	60.6	60.7	61.1	61.1	61.1	61.5	61.5	62.0	62.3
≥ 4000	46.9	61.0	62.2	62.4	62.8	62.9	62.9	63.0	63.1	63.5	63.5	63.5	63.8	63.8	64.4	64.7
≥ 3500	47.5	62.4	63.1	63.3	63.6	63.7	63.7	63.8	63.9	64.4	64.4	64.4	64.7	64.7	65.2	65.6
≥ 3000	48.4	63.7	64.5	64.7	65.0	65.1	65.1	65.2	65.3	65.8	65.8	65.8	66.1	66.1	66.6	67.0
≥ 2500	49.9	65.1	65.9	66.2	66.5	66.6	66.6	66.7	66.8	67.3	67.3	67.3	67.7	67.7	68.2	68.6
≥ 2000	49.9	66.7	67.7	68.0	68.4	68.6	68.6	68.7	68.8	69.2	69.3	69.3	69.8	69.8	70.3	70.6
≥ 1800	49.9	67.2	68.1	68.5	68.8	69.0	69.0	69.1	69.2	69.6	69.8	69.8	70.2	70.2	70.7	71.0
≥ 1500	50.7	69.0	70.0	70.3	70.6	70.8	70.8	70.9	71.1	71.5	71.6	71.6	72.0	72.0	72.6	72.9
≥ 1200	51.3	70.8	72.0	72.4	72.8	73.0	73.0	73.1	73.2	73.6	73.7	73.7	74.2	74.2	74.7	75.0
≥ 1000	52.3	72.8	74.2	74.6	75.0	75.2	75.2	75.3	75.5	75.9	76.1	76.1	76.4	76.4	77.0	77.3
≥ 900	52.7	74.2	75.6	76.0	76.4	76.6	76.6	76.7	76.9	77.3	77.4	77.4	77.8	77.8	78.4	78.7
≥ 800	53.1	75.1	76.5	77.0	77.5	77.7	77.7	77.8	77.9	78.4	78.5	78.5	78.9	78.9	79.4	79.8
≥ 700	53.4	76.4	78.3	78.9	79.4	79.7	79.7	79.8	79.9	80.3	80.4	80.4	80.8	80.8	81.4	81.7
≥ 600	53.9	79.0	81.2	81.8	82.6	82.8	82.8	82.9	83.1	83.5	83.9	83.9	84.3	84.3	84.8	85.1
≥ 500	53.9	80.3	82.7	83.3	84.5	84.7	84.7	84.8	84.9	85.5	85.8	85.8	86.2	86.3	86.9	87.2
≥ 400	53.9	81.3	84.2	85.1	86.5	86.9	87.1	87.6	87.7	88.3	88.6	88.6	89.1	89.2	89.8	90.1
≥ 300	54.0	81.9	84.8	86.0	87.7	88.2	88.6	89.5	89.6	90.2	90.5	90.5	91.2	91.3	91.8	92.1
≥ 200	54.0	82.0	85.0	86.2	88.2	88.7	89.2	90.3	90.5	91.4	91.8	91.8	92.9	93.1	93.6	94.0
≥ 100	54.1	82.1	85.1	86.3	88.3	88.9	89.6	90.7	91.3	92.2	93.0	93.1	94.7	95.3	96.2	97.2
≥ 0	54.1	82.1	85.1	86.3	88.3	88.9	89.6	90.7	91.3	92.2	93.0	93.1	94.7	95.3	97.1	98.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03350
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅒	≥ 0
NO CEILING	34.2	41.5	42.0	42.4	42.7	42.9	43.0	43.1	43.1	43.1	43.2	43.2	43.3	43.3	43.9	44.0
≥ 20000	35.8	44.4	44.9	45.3	45.6	45.8	45.9	46.0	46.0	46.0	46.1	46.1	46.2	46.2	46.8	46.9
≥ 18000	35.8	44.4	44.9	45.3	45.6	45.8	45.9	46.0	46.0	46.0	46.1	46.1	46.2	46.2	46.8	46.9
≥ 16000	36.0	44.6	45.2	45.5	45.8	46.0	46.1	46.2	46.2	46.2	46.3	46.3	46.5	46.5	47.0	47.1
≥ 14000	36.2	44.9	45.5	45.8	46.1	46.3	46.5	46.6	46.6	46.6	46.7	46.7	46.8	46.8	47.3	47.4
≥ 12000	37.5	46.6	47.1	47.4	47.7	48.0	48.1	48.2	48.2	48.2	48.3	48.3	48.5	48.5	49.0	49.1
≥ 10000	37.8	47.0	47.5	47.8	48.2	48.4	48.5	48.6	48.6	48.6	48.7	48.7	48.9	48.9	49.5	49.6
≥ 9000	38.5	48.1	48.6	48.9	49.2	49.5	49.6	49.7	49.7	49.7	49.8	49.8	50.0	50.0	50.5	50.6
≥ 8000	38.7	48.6	49.1	49.5	49.8	50.0	50.1	50.2	50.2	50.2	50.3	50.3	50.5	50.5	51.1	51.2
≥ 7000	39.7	49.8	50.3	50.6	51.0	51.2	51.3	51.4	51.4	51.4	51.5	51.5	51.7	51.7	52.3	52.4
≥ 6000	40.3	51.6	52.2	52.5	52.8	53.2	53.3	53.2	53.2	53.3	53.4	53.4	53.7	53.7	54.3	54.5
≥ 5000	41.2	52.7	53.2	53.5	53.9	54.1	54.2	54.3	54.3	54.4	54.5	54.5	54.8	54.8	55.5	55.7
≥ 4500	42.6	55.2	55.5	56.1	56.5	56.7	56.9	57.0	57.0	57.1	57.2	57.2	57.5	57.5	58.2	58.4
≥ 4000	42.9	55.8	56.5	56.8	57.1	57.3	57.5	57.6	57.6	57.7	57.8	57.8	58.2	58.2	58.8	59.0
≥ 3500	43.5	57.4	58.2	58.7	59.0	59.2	59.5	59.6	59.6	59.7	59.8	59.8	60.1	60.1	60.8	61.0
≥ 3000	44.4	58.8	59.6	60.2	60.6	60.9	61.1	61.2	61.2	61.3	61.4	61.4	61.7	61.7	62.4	62.6
≥ 2500	45.7	61.5	62.3	62.9	63.3	63.5	63.8	63.9	63.9	64.0	64.1	64.1	64.4	64.4	65.1	65.3
≥ 2000	46.2	62.4	63.1	63.8	64.2	64.4	64.6	64.7	64.7	64.8	64.9	64.9	65.3	65.3	65.9	66.1
≥ 1800	47.4	64.2	64.9	65.7	66.1	66.3	66.6	66.7	66.7	66.8	66.9	66.9	67.2	67.2	67.8	68.1
≥ 1600	47.7	66.8	67.5	68.3	68.8	69.0	69.4	69.6	69.6	69.7	69.8	69.8	70.1	70.1	70.9	71.1
≥ 1400	48.7	68.8	69.7	70.6	71.2	71.4	71.7	72.0	72.0	72.3	72.5	72.5	72.8	72.8	73.5	73.9
≥ 1200	48.8	69.2	70.1	71.1	71.6	71.8	72.2	72.5	72.5	72.7	72.9	72.9	73.2	73.2	74.0	74.3
≥ 1000	49.2	71.1	71.1	72.1	72.6	72.8	73.1	73.5	73.5	73.8	74.0	74.0	74.3	74.3	75.1	75.4
≥ 900	50.1	72.5	73.9	74.9	75.5	75.7	76.0	76.5	76.5	76.7	76.9	76.9	77.2	77.3	78.1	78.4
≥ 800	50.4	73.9	75.4	76.6	77.3	77.5	77.8	78.3	78.3	78.5	78.8	78.8	79.1	79.2	80.0	80.3
≥ 700	50.6	74.8	76.5	77.7	78.8	79.0	79.5	79.9	79.9	80.1	80.4	80.4	80.8	80.9	81.6	81.9
≥ 600	50.8	75.9	78.1	79.6	81.2	81.8	82.4	83.3	83.3	83.5	83.9	83.9	84.3	84.4	85.2	85.5
≥ 500	50.8	76.7	78.5	80.3	82.2	82.9	83.5	84.6	84.7	85.1	85.4	85.4	85.9	86.0	86.9	87.2
≥ 400	50.8	76.0	78.6	80.5	83.1	83.9	84.9	86.6	87.2	87.8	88.4	88.4	89.9	90.4	91.8	92.4
≥ 300	50.9	76.0	78.6	80.5	83.2	84.0	85.1	86.7	87.3	88.0	88.8	88.8	91.2	92.5	94.7	96.1
≥ 200	50.8	76.0	78.6	80.5	83.2	84.0	85.1	86.7	87.3	88.0	88.8	88.8	91.4	93.0	95.9	97.0
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03051
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0 00-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	23.9	35.6	35.7	36.1	36.6	36.6	36.7	36.7	36.6	36.9	36.9	36.9	37.1	37.1	37.5	38.1
≥ 20000	25.7	39.0	39.2	39.7	40.1	40.2	40.3	40.3	40.4	40.5	40.5	40.5	40.8	40.8	41.2	41.8
≥ 18000	25.7	39.0	39.2	39.7	40.1	40.2	40.3	40.3	40.4	40.5	40.5	40.5	40.8	40.8	41.2	41.8
IV 16000	25.8	39.1	39.4	39.8	40.2	40.3	40.4	40.4	40.5	40.6	40.6	40.6	40.9	40.9	41.3	41.9
IV 14000	25.9	39.4	39.6	40.0	40.4	40.5	40.6	40.6	40.8	40.9	40.9	40.9	41.1	41.1	41.5	42.2
IV 12000	26.2	40.3	40.5	41.0	41.4	41.5	41.6	41.6	41.7	41.8	41.8	41.8	42.0	42.0	42.5	43.1
IV 10000	27.7	42.3	42.6	43.0	43.4	43.5	43.7	43.7	43.8	43.9	43.9	43.9	44.1	44.1	44.5	45.2
9000	28.0	42.9	43.2	43.7	44.1	44.2	44.3	44.3	44.4	44.5	44.5	44.5	44.7	44.7	45.2	45.8
IV 8000	29.2	46.2	46.7	47.2	47.6	47.7	48.0	48.1	48.2	48.3	48.4	48.4	48.6	48.6	49.0	49.7
7000	29.7	47.0	47.4	48.0	48.4	48.5	48.7	48.8	48.9	49.0	49.1	49.1	49.4	49.4	49.8	50.4
IV 6000	30.0	47.6	48.1	48.6	49.0	49.1	49.4	49.5	49.6	49.7	49.8	49.8	50.0	50.0	50.4	51.1
5000	30.2	48.7	49.1	49.9	50.3	50.4	50.6	50.9	51.0	51.2	51.3	51.3	51.5	51.5	51.9	52.6
IV 4500	30.8	50.1	50.6	51.4	51.8	52.0	52.4	52.6	52.7	52.9	53.0	53.0	53.2	53.2	53.7	54.3
4000	31.6	51.6	52.5	53.2	53.7	54.0	54.3	54.5	54.6	54.8	54.9	55.1	55.3	55.3	55.7	56.3
IV 3500	31.7	52.0	52.9	53.7	54.1	54.4	54.7	54.9	55.1	55.3	55.4	55.5	55.7	55.7	56.1	56.8
3000	32.5	53.2	54.1	54.8	55.4	55.7	56.0	56.2	56.3	56.6	56.7	56.8	57.0	57.0	57.4	58.1
IV 2500	33.0	54.6	55.5	56.2	56.8	57.1	57.4	57.6	57.7	58.0	58.1	58.2	58.4	58.4	58.8	59.5
2000	33.9	57.0	57.8	58.7	59.4	59.8	60.1	60.3	60.4	61.6	60.8	60.9	61.1	61.1	61.5	62.2
IV 1800	34.1	58.0	59.8	59.7	60.3	60.8	61.1	61.3	61.4	61.6	61.7	61.8	62.0	62.0	62.5	63.1
1500	34.6	60.0	61.0	61.8	62.6	63.1	63.4	63.7	63.8	64.0	64.1	64.2	64.4	64.4	64.9	65.6
IV 1200	35.6	62.4	63.3	64.2	65.2	65.7	66.0	66.3	66.5	66.7	66.8	66.9	67.1	67.1	67.6	68.3
1000	35.9	63.1	64.2	65.2	66.2	66.8	67.1	67.4	67.5	67.7	67.8	68.0	68.2	68.2	68.7	69.4
IV 900	36.2	64.1	65.3	66.2	67.4	68.0	68.3	68.6	68.7	68.9	69.0	69.1	69.4	69.4	69.9	70.5
800	36.6	65.1	66.6	67.7	69.1	69.7	70.1	70.4	70.5	70.8	70.9	71.0	71.2	71.2	71.7	72.4
IV 700	36.8	66.0	67.7	69.2	70.6	71.2	71.7	72.0	72.2	72.4	72.6	72.7	72.9	73.0	73.5	74.2
600	37.5	67.6	69.4	71.3	73.1	73.8	74.5	74.9	75.2	75.5	75.7	75.8	76.1	76.2	76.8	77.4
IV 500	37.5	68.5	70.4	72.5	75.1	75.9	77.0	77.5	77.7	78.2	78.5	78.6	78.9	79.0	79.6	80.2
400	37.6	69.5	71.8	74.5	77.5	78.5	80.2	81.1	81.5	81.9	82.7	82.8	83.2	83.4	84.0	84.6
IV 300	37.6	69.7	72.3	75.4	78.7	80.2	82.2	83.3	84.1	84.8	85.8	85.9	86.3	86.6	87.4	88.2
200	37.6	69.7	72.4	75.7	79.4	81.1	83.1	84.7	86.1	87.5	89.0	89.2	90.2	90.6	91.3	93.0
IV 100	37.6	69.7	72.4	75.7	79.4	81.1	83.1	84.7	86.6	88.2	90.3	90.5	91.8	92.6	94.9	97.4
0	37.6	69.7	72.4	75.7	79.4	81.1	83.1	84.7	86.6	88.2	90.3	90.5	91.8	92.4	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13850
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1900
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	22.4	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5
≥ 20000	24.7	43.3	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8
≥ 18000	24.7	43.5	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0
≥ 16000	24.8	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1
≥ 14000	25.3	44.4	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8
≥ 12000	25.8	46.1	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6
≥ 10000	27.7	49.2	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7
≥ 9000	27.7	49.5	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9
≥ 8000	28.8	52.8	53.1	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7
≥ 7000	30.0	54.7	55.1	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6
≥ 6000	30.5	56.0	56.3	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9
≥ 5000	30.5	56.5	56.9	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4
≥ 4500	31.3	57.2	57.7	57.8	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4
≥ 4000	31.4	58.9	59.5	59.6	59.8	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 3500	31.5	59.6	60.1	60.2	60.4	60.5	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9
≥ 3000	31.7	60.3	60.9	61.0	61.2	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7
≥ 2500	32.3	62.7	63.3	63.4	63.8	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4
≥ 2000	32.6	65.5	66.1	66.2	66.7	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3
≥ 1800	32.6	66.0	66.8	66.9	67.3	67.5	67.6	67.7	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0
≥ 1500	33.1	67.1	68.7	68.2	69.7	69.9	69.7	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4
≥ 1200	33.7	69.5	70.6	71.0	71.6	71.8	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3
≥ 1000	34.1	71.4	73.1	73.9	74.8	75.1	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6
≥ 900	34.1	72.7	74.6	75.4	76.5	76.9	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3
≥ 800	34.4	73.8	75.9	76.9	79.2	79.5	79.8	79.9	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2
≥ 700	34.8	75.6	78.3	79.7	81.2	81.5	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3
≥ 600	34.9	76.7	79.6	82.2	84.3	84.9	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8
≥ 500	34.9	77.8	81.1	84.3	87.0	87.7	88.6	88.9	89.1	89.2	89.4	89.4	89.4	89.5	89.5	89.5
≥ 400	34.9	78.2	81.6	85.4	88.4	89.2	91.1	91.7	92.4	92.7	92.9	92.9	93.0	93.0	93.0	93.0
≥ 300	34.9	78.2	81.7	85.6	88.8	90.0	92.4	93.3	94.4	94.7	94.9	94.9	95.2	95.3	95.4	95.4
≥ 200	34.9	78.2	81.7	85.0	84.9	90.2	92.6	93.8	95.3	96.0	96.7	96.7	97.3	97.6	97.7	98.2
≥ 100	34.9	78.2	81.7	85.6	88.9	90.2	92.6	93.8	95.3	96.0	97.1	97.1	98.1	98.5	98.8	99.9
≥ 0	34.9	78.2	81.7	85.6	88.9	90.2	92.6	93.8	95.3	96.0	97.1	97.1	98.1	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1785.
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥10	≥½	≥0
NO CEILING	28.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 20000	32.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000	32.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	32.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	32.3	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 12000	33.8	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	35.1	56.2	56.2	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 9000	35.1	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 8000	36.3	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000	38.1	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 6000	38.7	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 5000	39.7	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	40.3	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4000	40.4	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500	40.4	68.3	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 3000	41.1	70.0	70.2	70.6	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 2500	42.3	73.1	73.3	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2000	43.2	76.6	76.8	77.2	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 1800	43.5	77.1	77.3	77.7	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1500	43.9	80.1	80.3	81.0	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1200	44.8	83.9	84.2	84.8	85.5	85.6	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1000	45.5	85.8	86.5	87.1	88.0	88.1	88.1	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	45.8	86.6	87.2	87.8	88.7	88.8	88.8	89.0	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800	45.8	86.7	88.0	88.7	89.6	89.7	89.7	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 700	45.8	86.8	88.5	89.2	90.2	90.3	90.4	90.8	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 600	45.9	87.4	89.8	90.8	91.7	91.8	91.9	92.3	92.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	45.9	87.5	90.1	91.4	92.4	92.5	92.9	93.4	93.9	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 400	46.0	87.8	90.4	92.0	93.1	93.2	93.9	94.5	95.1	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	46.1	88.0	90.5	92.4	93.4	93.7	94.3	95.2	96.1	97.0	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	46.1	88.0	91.5	92.4	93.5	93.8	94.7	95.7	96.8	97.7	98.6	98.6	98.8	98.9	98.9	98.9
≥ 100	46.1	88.0	90.5	92.4	93.5	93.8	94.8	95.9	97.0	98.1	99.1	99.1	99.6	99.7	99.8	99.9
≥ 0	46.1	88.0	90.5	92.4	93.5	93.8	94.8	95.9	97.0	98.1	99.1	99.1	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13850
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	11.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	35.5	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 18000	25.5	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 16000	35.5	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	36.2	55.3	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 12000	37.5	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	39.2	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	40.0	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	40.6	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 7000	42.2	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 6000	43.5	70.6	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	44.1	72.0	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	44.5	72.6	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	44.9	74.4	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	45.3	75.3	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	46.0	77.0	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	46.3	78.4	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	46.9	81.0	81.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1800	47.0	81.4	82.3	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1500	47.6	83.3	84.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	48.4	85.5	86.7	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	48.8	86.9	88.7	90.1	90.4	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	48.9	87.5	89.6	91.0	91.3	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	49.0	87.8	90.2	91.6	92.0	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	49.1	88.4	91.0	92.4	92.8	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	49.4	88.6	91.4	92.8	93.4	93.9	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500	49.6	88.9	91.7	93.2	94.0	94.4	94.8	94.8	95.1	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 400	49.6	89.1	92.0	93.8	94.6	95.1	95.6	95.8	96.0	96.6	96.6	96.8	96.8	96.9	97.0	97.0
≥ 300	49.6	89.1	92.2	94.0	94.8	95.3	95.9	96.3	96.7	97.5	97.7	97.7	97.7	97.8	98.0	98.0
≥ 200	49.6	89.1	92.2	94.1	94.9	95.4	96.2	96.8	97.5	98.6	98.8	98.8	98.8	98.9	99.0	99.0
≥ 100	49.6	89.1	92.2	94.1	94.9	95.4	96.2	96.8	97.5	98.7	99.0	99.1	99.1	99.4	99.6	99.7
≥ 0	49.6	89.1	92.2	94.1	94.9	95.4	96.2	96.8	97.5	98.7	99.0	99.1	99.1	99.4	99.6	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03850
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	39.8	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	42.4	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3
≥ 18000	42.4	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3
≥ 16000	42.4	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3
≥ 14000	43.7	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9
≥ 12000	43.4	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7
≥ 10000	45.2	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9
≥ 9000	46.0	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8
≥ 8000	46.9	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8
≥ 7000	47.3	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6
≥ 6000	49.9	67.6	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4
≥ 5000	50.6	68.8	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6
≥ 4500	51.1	69.5	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4000	51.8	72.2	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3500	52.0	73.4	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5
≥ 3000	52.8	75.2	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2
≥ 2500	53.3	77.0	77.8	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4
≥ 2000	54.2	79.8	80.6	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4
≥ 1800	54.9	80.6	81.5	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3
≥ 1500	56.2	83.1	84.0	84.3	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.3
≥ 1200	57.2	85.2	86.0	86.5	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.4
≥ 1000	57.6	86.3	87.4	87.8	89.5	88.8	88.8	88.8	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.1
≥ 900	57.7	87.5	88.6	89.0	89.8	90.1	90.1	90.1	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.4
≥ 800	57.7	88.3	89.4	89.8	90.6	91.0	91.0	91.0	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.3
≥ 700	57.7	89.4	90.4	90.9	91.7	92.2	92.3	92.3	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.6
≥ 600	58.1	89.7	90.8	91.2	92.3	92.7	92.8	92.8	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.2
≥ 500	58.2	90.3	91.6	92.0	93.3	93.8	94.0	94.0	94.1	94.2	94.3	94.3	94.7	94.7	94.7	94.8
≥ 400	58.2	90.8	92.0	92.7	94.3	94.7	95.1	95.3	95.4	95.9	96.0	96.0	96.5	96.5	96.5	96.6
≥ 300	58.2	90.8	92.2	93.0	94.7	95.2	95.7	96.1	96.2	96.8	96.9	96.9	97.3	97.3	97.3	97.4
≥ 200	58.2	90.8	92.2	93.0	94.7	95.2	95.8	96.6	96.9	97.4	97.7	97.8	98.3	98.3	98.3	98.4
≥ 100	58.2	90.8	92.2	93.1	94.8	95.3	95.9	96.7	97.1	97.8	98.3	98.4	99.0	99.1	99.6	99.7
≥ 0	58.2	90.8	92.2	93.1	94.8	95.3	95.9	96.7	97.1	97.8	98.3	98.4	99.0	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03850
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1'	≥0
NO CEILING	38.0	49.9	50.8	50.9	51.3	51.3	51.4	51.4	51.4	51.4	51.5	51.5	51.6	51.6	51.6	51.7
≥ 20000	40.4	53.2	54.2	54.3	54.8	54.8	54.9	54.9	54.9	54.9	55.1	55.1	55.2	55.2	55.2	55.3
≥ 18000	40.4	53.2	54.2	54.3	54.8	54.8	54.9	54.9	54.9	54.9	55.1	55.1	55.2	55.2	55.2	55.3
≥ 16000	40.4	53.2	54.2	54.3	54.8	54.8	54.9	54.9	54.9	54.9	55.1	55.1	55.2	55.2	55.2	55.3
≥ 14000	40.5	53.4	54.4	54.5	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.5
≥ 12000	40.6	53.7	54.6	54.7	55.3	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.6	55.6	55.6	55.7
≥ 10000	41.0	56.3	57.3	57.4	58.0	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.4
≥ 9000	42.0	56.5	57.4	57.5	58.1	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.5
≥ 8000	43.5	59.6	59.6	59.9	60.6	60.6	60.8	60.8	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.1
≥ 7000	44.2	60.3	61.3	61.6	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.8
≥ 6000	47.1	63.3	64.3	64.6	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.8
≥ 5000	48.3	65.3	66.3	66.7	67.4	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	68.0
≥ 4500	49.2	66.3	67.5	67.8	68.6	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.4
≥ 4000	49.8	68.3	69.5	69.8	70.5	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.3
≥ 3500	50.6	69.6	70.8	71.1	71.8	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.6
≥ 3000	51.4	71.4	72.6	72.9	73.7	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.4
≥ 2500	51.7	72.6	73.8	74.2	75.2	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.9
≥ 2000	52.4	75.1	76.3	76.9	78.1	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.8
≥ 1800	52.7	75.4	76.7	77.2	78.4	78.7	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.1
≥ 1500	53.5	77.7	79.2	79.8	81.0	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.7
≥ 1200	54.3	79.8	81.3	81.9	83.1	83.4	83.8	83.8	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.1
≥ 1000	55.1	81.4	83.1	83.8	84.9	85.3	85.7	85.7	85.7	85.7	85.8	85.8	85.9	85.9	85.9	86.0
≥ 900	55.9	83.2	85.1	85.7	87.0	87.3	87.7	87.7	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.1
≥ 800	56.0	84.1	85.8	86.6	87.8	88.2	88.6	88.6	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.9
≥ 700	56.2	85.4	87.6	88.4	89.8	90.1	90.5	90.5	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.9
≥ 600	56.2	86.0	88.6	89.5	91.0	91.3	91.8	91.8	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.2
≥ 500	56.5	86.8	89.6	90.4	91.9	92.3	92.8	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.1
≥ 400	56.5	87.2	90.4	91.6	93.2	93.7	94.6	94.8	94.8	94.8	94.9	95.1	95.1	95.2	95.2	95.3
≥ 300	56.5	87.4	90.9	92.3	94.2	94.6	95.8	96.1	96.2	96.3	96.5	96.5	96.6	96.6	96.6	96.7
≥ 200	56.5	87.4	90.9	92.3	94.4	94.9	96.1	96.7	97.0	97.2	97.3	97.3	97.6	97.6	97.7	97.8
≥ 100	56.5	87.4	91.0	92.4	94.6	95.2	96.3	96.9	97.3	97.6	98.1	98.1	98.6	98.6	98.8	99.2
≥ 0	56.5	87.4	91.0	92.4	94.6	95.2	96.3	96.9	97.3	97.6	98.1	98.1	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1365C
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥1/8	≥0
NO CEILING ≥ 20000	32.0 34.6	44.1 48.8	44.4 49.2	44.5 49.4	44.6 49.5	44.7 49.6	44.7 49.6	44.7 49.7	44.8 49.7	44.8 49.7	44.9 49.8	44.9 49.8	45.0 49.8	45.0 49.9	45.1 50.1	45.3 50.2
IV ≥ 18000 IV ≥ 16000	34.6 34.6	48.9 48.9	49.2 49.2	49.4 49.4	49.6 49.6	49.6 49.6	49.7 49.7	49.7 49.7	49.7 49.7	49.8 49.8	49.8 49.8	49.8 49.8	49.9 49.9	49.9 49.9	50.1 50.1	50.2 50.3
IV ≥ 14000 IV ≥ 12000	35.0 35.5	49.5 50.4	49.8 50.8	50.0 50.9	50.2 51.1	50.2 51.2	50.2 51.2	50.3 51.2	50.3 51.3	50.4 51.3	50.4 51.4	50.4 51.4	50.5 51.5	50.5 51.5	50.7 51.6	50.8 51.8
IV ≥ 10000 IV ≥ 9000	37.0 37.3	53.2 53.7	53.6 54.1	53.8 54.3	54.0 54.5	54.0 54.5	54.0 54.5	54.1 54.6	54.1 54.6	54.2 54.7	54.2 54.7	54.2 54.7	54.3 54.8	54.3 54.8	54.5 55.0	54.6 55.1
IV ≥ 8000 IV ≥ 7000	39.3 39.1	55.9 57.4	56.3 57.8	56.5 58.1	56.8 58.3	56.8 59.4	56.9 59.4	56.9 58.5	56.9 58.5	57.0 58.6	57.1 58.6	57.1 58.6	57.2 58.7	57.2 58.7	57.4 58.9	57.5 59.1
IV ≥ 6000 IV ≥ 5000	40.4 41.1	59.4 60.9	59.8 61.3	60.1 61.6	60.3 61.9	60.4 61.9	60.4 62.0	60.5 62.1	60.5 62.1	60.6 62.2	60.6 62.2	60.6 62.2	60.7 62.4	60.7 62.4	60.9 62.6	61.1 62.7
IV ≥ 4500 IV ≥ 4000	41.8 42.4	61.8 63.7	62.3 64.3	62.6 64.7	62.8 64.9	63.0 65.1	63.0 65.2	63.1 65.2	63.1 65.3	63.2 65.4	63.3 65.4	63.3 65.4	63.4 65.6	63.4 65.6	63.6 65.8	63.8 65.9
IV ≥ 3500 IV ≥ 3000	42.7 43.4	64.6 66.0	65.2 66.7	65.5 67.1	65.8 67.4	65.9 67.5	66.0 67.6	66.1 67.7	66.1 67.7	66.2 67.8	66.3 67.9	66.3 67.9	66.4 68.0	66.4 68.0	66.6 68.2	66.8 68.4
IV ≥ 2500 IV ≥ 2000	44.0 44.9	67.8 70.4	68.5 71.2	69.0 71.6	69.4 72.1	69.5 72.3	69.6 72.4	69.7 72.5	69.7 72.5	69.8 72.6	69.9 72.7	69.9 72.7	70.0 72.8	70.0 72.8	70.2 73.0	70.4 73.2
IV ≥ 1800 IV ≥ 1500	45.1 45.9	71.0 73.1	71.6 74.0	72.3 74.6	72.8 75.1	73.0 75.3	73.0 75.4	73.1 75.5	73.2 75.5	73.3 75.6	73.3 75.7	73.3 75.7	73.5 75.9	73.5 75.9	73.7 76.1	73.9 76.2
IV ≥ 1200 IV ≥ 1000	46.6 47.3	75.5 77.1	76.5 78.4	77.1 79.1	77.8 79.9	78.0 80.2	78.1 80.3	78.2 80.5	78.3 80.5	78.4 80.7	78.5 80.8	78.5 80.8	78.6 81.0	78.6 81.0	78.9 81.2	79.0 81.4
IV ≥ 900 IV ≥ 800	47.5 47.7	78.1 78.9	79.5 80.4	80.3 81.3	81.1 82.2	81.4 82.5	81.6 82.7	81.7 82.9	81.7 82.9	81.9 83.1	82.0 83.2	82.0 83.2	82.2 83.3	82.2 83.3	82.4 83.6	82.6 83.8
IV ≥ 700 IV ≥ 600	48.0 49.3	80.1 81.1	82.0 83.3	83.0 84.5	83.9 85.7	84.2 86.1	84.5 86.4	84.6 86.6	84.7 86.7	84.9 86.9	85.0 87.0	85.0 87.1	85.1 87.2	85.2 87.2	85.4 87.5	85.6 87.7
IV ≥ 500 IV ≥ 400	48.4 48.4	81.9 82.5	84.2 85.1	85.6 86.8	87.1 88.6	87.5 89.1	88.0 90.0	88.3 90.5	88.4 90.8	88.7 91.2	88.9 91.5	88.9 91.5	89.1 91.8	89.2 91.8	89.4 92.1	89.6 92.3
IV ≥ 300 IV ≥ 200	48.5 48.5	82.6 82.6	85.4 85.4	87.4 87.5	89.3 89.6	90.0 90.4	91.0 91.6	91.8 92.6	92.3 93.4	92.8 94.2	93.1 94.8	93.1 94.8	93.4 95.5	93.5 95.5	93.8 95.7	94.0 96.1
IV ≥ 100 IV ≥ 0	48.5 48.5	82.7 82.7	85.5 85.5	87.5 87.5	89.7 89.7	90.5 90.5	91.7 91.7	92.8 92.8	93.7 93.7	94.6 94.6	95.5 95.5	95.5 95.5	96.5 96.5	97.0 97.0	97.8 97.8	98.6 100.0

TOTAL NUMBER OF OBSERVATIONS

7439

USAF ETAC

FORM
JUL 64

0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13850
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	42.7	55.0	56.3	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.7	57.7	58.0
≥ 20000	44.8	57.6	59.1	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.8
IV 18000	44.8	57.6	59.1	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.8
IV 16000	44.8	57.6	59.1	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.8
IV 14000	44.8	57.6	59.1	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.8
IV 12000	45.7	58.9	60.3	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	62.1
IV 10000	47.6	61.8	63.4	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.8	65.1
IV 9000	47.6	61.8	63.4	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.8	65.1
IV 8000	49.6	64.8	66.3	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.7	68.1
IV 7000	50.0	65.4	66.9	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.3	68.7
IV 6000	50.6	66.7	68.2	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.6	70.0
IV 5000	51.5	68.7	70.4	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.9	72.2
IV 4500	52.2	69.7	71.5	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	73.3
IV 4000	52.7	72.1	73.9	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.7
IV 3500	53.2	72.8	74.7	75.5	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.5
IV 3000	53.3	73.3	75.2	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.6	76.6	77.0
IV 2500	54.5	75.2	77.1	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.8
IV 2000	55.2	76.1	78.0	78.8	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	80.1
IV 1800	55.4	76.7	78.6	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.4	80.4	80.7
IV 1500	55.7	77.5	79.4	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.8
IV 1200	56.1	79.0	81.0	81.8	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.6
IV 1000	56.3	79.4	81.6	82.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.9	83.9	84.3
IV 900	56.6	79.8	81.9	82.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.2	84.3	84.4	84.4	84.8
IV 800	56.7	80.4	82.1	83.6	84.8	84.8	84.9	84.9	84.9	84.9	85.0	85.1	85.2	85.3	85.3	85.7
IV 700	57.1	80.9	83.1	84.3	85.2	85.3	85.5	85.5	85.5	85.5	85.6	85.7	85.8	85.9	85.9	86.3
IV 600	57.2	81.6	83.8	84.8	85.9	86.1	86.2	86.3	86.3	86.3	86.4	86.5	86.6	86.8	86.8	87.1
IV 500	57.6	83.1	85.6	86.9	88.3	88.4	88.5	88.8	88.8	88.8	88.9	89.0	89.1	89.2	89.2	89.6
IV 400	58.0	84.8	87.5	89.1	90.8	91.4	91.5	92.1	92.1	92.1	92.2	92.4	92.6	92.7	92.7	93.0
IV 300	58.0	85.1	87.9	89.7	92.1	92.7	93.0	93.7	94.0	94.1	94.1	94.3	94.4	94.6	94.6	95.0
IV 200	58.0	85.1	88.1	89.8	92.3	93.3	94.0	94.8	95.2	95.4	95.9	96.2	96.7	96.8	96.9	97.4
IV 100	58.0	85.1	88.1	89.8	92.3	93.3	94.1	95.3	95.6	95.9	96.5	96.9	97.8	98.1	98.7	99.4
IV 0	58.0	85.1	88.1	89.8	92.3	93.3	94.1	95.3	95.6	96.0	96.6	97.0	97.9	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

00854
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	37.6	50.1	50.9	51.5	51.9	52.0	52.1	52.4	52.4	52.4	52.5	52.5	52.6	52.6	52.7	53.5
≥ 20000	39.1	52.0	53.0	53.8	54.3	54.4	54.5	54.8	54.8	54.8	55.0	55.0	55.1	55.1	55.2	56.0
≥ 18000	39.0	52.0	53.0	53.8	54.3	54.4	54.5	54.8	54.8	54.8	55.0	55.0	55.1	55.1	55.2	56.0
≥ 16000	39.0	52.0	53.0	53.8	54.3	54.4	54.5	54.8	54.8	54.8	55.0	55.0	55.1	55.1	55.2	56.0
≥ 14000	39.2	52.2	53.2	54.0	54.5	54.6	54.7	55.1	55.1	55.1	55.2	55.2	55.3	55.3	55.4	56.3
≥ 12000	40.0	53.0	53.9	54.7	55.2	55.3	55.4	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.1	57.0
≥ 10000	42.1	56.9	57.8	58.6	59.1	59.2	59.3	59.7	59.7	59.7	59.8	59.8	59.9	59.9	60.0	60.9
≥ 9000	42.2	57.2	58.2	59.0	59.5	59.6	59.7	60.0	60.0	60.0	60.2	60.2	60.3	60.3	60.4	61.2
≥ 8000	43.3	59.8	60.9	61.7	62.2	62.3	62.4	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.1	63.9
≥ 7000	43.9	60.4	61.5	62.3	62.8	62.9	63.0	63.4	63.4	63.4	63.5	63.5	63.6	63.6	63.7	64.5
≥ 6000	45.0	62.4	63.5	64.3	64.8	64.9	65.0	65.4	65.4	65.4	65.5	65.5	65.6	65.6	65.7	66.5
≥ 5000	46.1	63.9	65.4	66.2	66.8	66.9	67.0	67.4	67.4	67.4	67.5	67.5	67.6	67.6	67.7	68.6
≥ 4500	47.1	65.1	66.5	67.4	68.0	68.1	68.2	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.9	69.7
≥ 4000	47.3	65.8	67.4	68.2	68.8	68.9	69.0	69.4	69.4	69.4	69.5	69.5	69.6	69.6	69.7	70.6
≥ 3500	47.5	66.5	68.2	69.0	69.6	69.7	69.9	70.2	70.2	70.2	70.3	70.3	70.4	70.4	70.6	71.4
≥ 3000	48.0	67.4	69.0	69.9	70.4	70.6	70.7	71.0	71.2	71.2	71.3	71.3	71.4	71.4	71.5	72.3
≥ 2500	48.7	68.6	70.4	71.6	72.2	72.3	72.5	72.8	72.9	72.9	73.0	73.0	73.2	73.2	73.3	74.1
≥ 2000	49.8	70.7	72.7	73.9	74.8	75.1	75.2	75.5	75.7	75.7	75.8	75.8	75.9	75.9	76.0	76.8
≥ 1800	50.0	71.3	73.4	74.6	75.5	75.8	75.9	76.2	76.4	76.4	76.5	76.5	76.6	76.6	76.7	77.5
≥ 1500	50.4	72.1	74.5	75.7	76.6	76.8	77.0	77.4	77.5	77.5	77.7	77.7	77.8	77.8	77.9	78.7
≥ 1200	51.1	73.4	75.8	77.1	78.0	78.3	78.4	78.8	79.0	79.0	79.1	79.1	79.2	79.2	79.3	80.1
≥ 1000	51.5	73.9	76.4	77.7	78.7	79.0	79.1	79.6	79.7	79.7	79.9	79.9	79.9	79.9	80.0	80.9
≥ 900	51.9	74.6	77.1	78.4	79.4	79.7	79.8	80.3	80.4	80.6	80.7	80.9	81.0	81.0	81.1	81.9
≥ 800	52.2	75.7	78.1	79.6	80.6	80.9	81.0	81.4	81.6	81.8	82.0	82.0	82.2	82.2	82.3	83.1
≥ 700	52.6	77.3	79.9	81.0	82.7	83.0	83.1	83.6	83.7	83.9	84.2	84.2	84.3	84.3	84.4	85.2
≥ 600	53.1	78.5	81.1	82.7	83.9	84.2	84.3	84.8	84.9	85.1	85.3	85.3	85.5	85.5	85.6	86.4
≥ 500	53.4	79.3	82.2	84.3	85.6	86.1	86.2	86.6	86.9	87.1	87.4	87.4	87.5	87.5	87.6	88.4
≥ 400	53.4	79.3	82.5	84.6	86.3	86.8	87.1	87.9	88.3	88.7	89.0	89.0	89.1	89.1	89.2	90.1
≥ 300	53.4	79.8	83.0	85.2	86.8	87.2	87.9	89.0	89.6	90.1	90.4	90.4	90.7	90.7	90.9	91.7
≥ 200	53.4	79.8	83.1	85.3	87.2	87.8	88.9	90.5	91.4	92.3	92.9	93.1	93.9	94.2	94.6	95.5
≥ 100	53.4	79.8	83.1	85.3	87.2	87.8	88.9	90.9	91.7	92.9	93.6	94.0	95.4	95.9	97.2	98.6
≥ 0	53.4	79.8	83.1	85.3	87.2	87.8	88.9	90.9	91.7	92.9	93.6	94.0	95.4	95.9	97.3	98.6

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3857
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.6	44.2	46.8	47.6	43.5	48.7	48.7	48.9	49.2	49.2	49.3	49.3	49.4	49.4	49.5	50.4
≥ 20000	26.5	48.1	51.9	51.9	52.7	53.0	53.1	53.3	53.5	53.5	53.7	53.7	53.8	53.8	53.9	54.8
≥ 18000	26.5	48.1	51.9	51.9	52.7	53.0	53.1	53.3	53.5	53.5	53.7	53.7	53.8	53.8	53.9	54.8
≥ 16000	26.5	48.1	51.9	51.9	52.7	53.0	53.1	53.3	53.5	53.5	53.7	53.7	53.8	53.8	53.9	54.8
≥ 14000	26.5	48.3	51.2	52.1	53.0	53.2	53.3	53.5	53.8	53.8	53.9	53.9	54.0	54.0	54.1	55.1
≥ 12000	27.0	49.2	52.1	53.0	53.8	54.0	54.1	54.4	54.6	54.6	54.7	54.7	54.8	54.8	55.0	55.9
≥ 10000	29.1	53.0	55.9	56.9	57.8	58.0	58.2	58.4	58.6	58.7	59.1	59.1	59.0	59.1	59.2	60.2
≥ 9000	29.1	53.0	55.9	56.9	57.8	58.0	58.3	58.5	58.7	58.9	59.1	59.1	59.2	59.2	59.3	60.3
≥ 8000	30.0	55.0	58.3	59.2	60.2	60.4	60.6	61.0	61.2	61.3	61.6	61.6	61.7	61.8	61.9	63.0
≥ 7000	30.4	56.3	59.6	60.5	61.5	61.7	62.1	62.3	62.5	62.6	62.9	62.9	63.0	63.1	63.2	64.3
≥ 6000	31.3	57.7	61.1	62.1	63.0	63.2	63.6	63.8	64.1	64.2	64.4	64.4	64.5	64.7	64.8	65.8
≥ 5000	31.9	59.7	62.4	63.4	64.4	64.7	65.0	65.2	65.6	65.7	66.0	66.0	66.1	66.3	66.4	67.5
≥ 4500	32.3	59.5	63.0	64.1	65.2	65.5	65.8	66.1	66.4	66.5	66.9	66.9	67.0	67.3	67.4	68.4
≥ 4000	32.4	59.9	63.5	64.9	66.1	66.3	66.7	67.0	67.4	67.5	67.8	67.8	68.0	68.2	68.3	69.4
≥ 3500	32.7	61.2	64.9	66.3	67.5	67.7	68.1	68.6	68.9	69.0	69.4	69.4	69.5	69.7	69.9	70.9
≥ 3000	33.1	62.3	66.1	67.6	68.9	69.1	69.5	70.0	70.3	70.4	70.8	70.8	70.9	71.2	71.3	72.3
≥ 2500	33.7	63.6	67.4	69.1	70.7	70.9	71.5	72.0	72.3	72.6	72.9	72.9	73.0	73.3	73.4	74.5
≥ 2000	34.4	65.1	69.6	71.4	73.2	73.8	74.3	74.9	75.3	75.5	75.9	75.9	76.0	76.2	76.4	77.4
≥ 1800	34.6	65.7	70.3	72.1	73.9	74.5	75.1	75.7	76.1	76.4	76.7	76.7	76.8	77.1	77.2	78.3
≥ 1500	34.9	66.4	71.3	73.3	75.4	76.0	76.6	77.3	77.8	78.0	78.5	78.5	78.7	79.0	79.1	80.1
≥ 1200	35.2	67.4	72.3	74.6	77.0	77.5	78.1	79.0	79.6	79.9	80.5	80.5	80.7	81.0	81.1	82.2
≥ 1000	35.5	68.4	73.6	76.0	78.4	79.1	79.8	80.6	81.2	81.9	82.7	82.7	82.8	82.9	83.2	84.3
≥ 900	35.5	69.6	75.1	77.5	79.9	80.6	81.4	82.3	82.9	83.2	83.8	83.8	84.0	84.3	84.4	85.5
≥ 800	35.6	70.2	75.9	78.4	80.7	81.6	82.4	83.2	83.8	84.2	84.8	84.8	85.0	85.2	85.3	86.4
≥ 700	36.1	70.8	76.5	79.0	81.7	82.5	83.3	84.2	84.8	85.2	85.8	85.8	86.1	86.3	86.4	87.5
≥ 600	36.4	71.4	77.1	79.7	82.4	83.3	84.2	85.0	85.6	86.1	86.6	86.6	86.9	87.1	87.2	88.3
≥ 500	36.4	71.9	77.7	80.5	83.2	84.5	85.6	86.6	87.2	87.7	88.3	88.3	88.5	88.8	88.9	90.0
≥ 400	36.4	72.1	78.1	81.1	83.9	85.3	86.4	87.6	88.3	88.8	89.5	89.5	89.7	90.0	90.1	91.1
≥ 300	36.4	72.1	78.1	81.3	84.3	85.7	86.9	88.7	89.6	90.8	91.6	91.6	91.8	92.1	92.2	93.7
≥ 200	36.4	72.1	78.1	81.3	84.4	85.9	87.1	88.9	90.1	91.8	92.9	92.9	93.1	93.4	93.7	95.6
≥ 100	36.4	72.1	78.0	81.3	84.4	85.9	87.1	89.0	90.2	92.0	93.3	93.3	93.6	94.1	95.2	98.3
≥ 0	36.4	72.1	78.0	81.3	84.4	85.9	87.1	89.0	90.2	92.0	93.3	93.3	93.6	94.1	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3050
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	47.2	52.4	57.9	53.5	53.8	53.8	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	29.2	58.3	58.7	59.5	59.7	59.7	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000	27.4	58.6	59.1	59.8	60.0	60.0	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 16000	27.4	58.6	59.1	59.8	60.0	60.0	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 14000	29.4	58.7	59.2	59.9	60.2	60.2	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	31.3	61.2	62.1	62.9	63.1	63.1	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 10000	32.6	63.2	64.4	65.2	65.5	65.5	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	33.0	63.9	65.1	66.0	66.2	66.2	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	34.0	66.9	68.1	68.9	69.1	69.1	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 7000	34.4	68.0	69.1	70.1	70.3	70.3	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	34.8	68.6	69.9	70.8	71.2	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 5000	35.3	69.5	70.9	71.7	72.2	72.3	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500	35.6	70.0	71.4	72.3	72.7	72.8	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	35.6	71.2	72.9	73.9	74.7	74.5	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3500	35.7	71.6	73.5	74.5	74.9	75.1	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3000	35.8	72.5	74.3	75.3	75.9	76.3	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	36.3	73.3	75.3	76.2	76.8	77.2	77.8	77.8	78.1	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	37.2	75.9	78.7	79.2	79.8	80.1	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800	37.6	77.1	79.2	80.4	81.0	81.3	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1500	37.9	79.0	81.2	82.5	83.3	83.7	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200	38.3	80.3	82.6	83.9	84.8	85.2	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1000	38.4	80.9	83.5	85.3	86.3	86.8	87.8	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 900	38.7	81.6	84.3	86.3	87.2	87.7	88.8	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800	38.7	82.2	85.1	87.0	87.9	88.4	89.6	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	39.1	82.9	86.1	88.3	89.2	89.7	91.0	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 600	39.4	83.9	87.2	90.0	91.6	92.1	93.5	93.7	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500	39.4	84.2	87.6	90.5	92.2	92.8	94.4	94.8	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	39.4	84.4	87.8	90.9	92.8	93.6	95.4	95.7	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 300	39.4	84.4	87.8	90.9	93.1	94.0	96.0	96.5	97.4	98.0	98.3	98.3	98.3	98.3	98.5	98.5
≥ 200	39.4	84.4	87.8	90.9	93.1	94.0	96.1	96.6	97.8	98.5	98.9	98.9	98.9	99.1	99.3	99.5
≥ 100	39.4	84.4	87.8	90.9	93.1	94.0	96.1	96.6	97.8	98.5	98.9	98.9	98.9	99.1	99.4	99.8
≥ 0	39.4	84.4	87.8	90.9	93.1	94.0	96.1	96.6	97.8	98.5	98.9	98.9	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3850
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥3-16	≥0
NO CEILING	36.6	55.8	56.1	56.0	56.0	56.0	56.1	56.1	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥20000	40.5	63.8	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥18000	40.5	64.3	64.5	64.7	64.7	64.7	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥16000	40.5	64.3	64.5	64.7	64.7	64.7	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥14000	41.3	64.7	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥12000	42.9	66.3	66.5	66.7	66.7	66.7	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥10000	44.0	69.6	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥9000	44.1	68.7	69.5	69.6	69.6	69.6	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥8000	45.2	71.0	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥7000	45.5	71.5	72.3	72.7	72.7	72.7	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥6000	45.7	72.2	73.0	73.5	73.5	73.5	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥5000	46.1	73.3	74.1	74.6	74.7	74.7	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥4500	46.6	74.1	74.9	75.4	75.5	75.5	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥4000	47.4	75.7	76.5	77.0	77.2	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥3500	48.2	77.4	79.5	79.7	79.2	79.2	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥3000	49.1	72.5	81.7	81.2	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥2500	49.1	80.9	82.2	82.6	83.0	83.1	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥2000	50.1	84.2	85.8	86.3	86.6	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥1800	50.4	84.5	86.3	86.8	87.1	87.2	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥1500	51.4	86.2	88.3	88.8	89.1	89.2	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥1200	51.9	87.6	89.8	90.3	90.7	90.8	90.9	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥1000	52.1	88.5	90.8	91.4	91.8	92.0	92.1	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥900	52.5	89.4	91.6	92.2	92.7	92.8	92.9	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥800	52.5	90.1	92.4	93.0	93.5	93.7	93.9	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥700	53.1	90.9	93.3	94.0	94.4	94.7	94.8	94.9	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥600	53.2	91.4	94.1	94.8	95.5	95.7	96.1	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥500	53.2	91.4	94.1	94.9	95.7	96.3	96.7	96.8	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥400	53.2	91.4	94.1	94.9	96.3	97.3	97.8	98.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥300	53.2	91.5	94.2	95.0	96.7	97.6	98.1	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥200	53.2	91.5	94.2	95.0	96.7	97.6	98.1	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	53.2	91.5	94.2	95.0	96.7	97.6	98.1	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	53.2	91.5	94.2	95.0	96.7	97.6	98.1	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT PUCKER AL STATION NAME 69-70,73-60 YEARS FEB MONTH 1500-1700 HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	40.1	57.3	57.3	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	43.6	64.1	64.1	64.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	43.3	64.4	64.4	64.4	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	43.3	64.4	64.4	64.4	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 14000	44.3	66.0	66.0	66.0	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	46.7	69.3	69.3	69.3	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000	49.6	71.6	71.9	72.0	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 9000	49.2	72.5	72.7	72.8	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	51.4	75.5	75.8	75.9	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 7000	51.3	76.1	76.4	76.5	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	52.2	77.1	77.4	77.5	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	52.4	78.6	79.1	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	53.2	80.1	80.6	80.7	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	54.1	81.9	82.4	82.5	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	54.7	83.0	83.7	83.9	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	55.0	84.0	84.9	85.1	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	55.3	85.2	86.1	86.3	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	55.9	86.9	87.9	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	56.9	87.1	88.5	88.9	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500	56.0	88.2	89.4	90.1	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	56.4	90.0	91.4	91.8	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	56.6	91.3	92.9	93.4	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	56.6	91.6	93.3	94.0	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	56.6	91.7	93.4	94.1	94.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	56.7	92.1	93.9	94.7	95.5	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	56.9	92.3	94.2	95.3	96.3	96.7	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	57.0	92.6	94.6	95.9	97.0	97.6	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	57.0	92.6	94.6	95.9	97.0	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	57.0	92.6	94.6	96.1	97.5	98.2	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	57.0	92.6	94.6	96.1	97.5	98.2	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	57.0	92.6	94.6	96.1	97.5	98.2	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	57.0	92.6	94.6	96.1	97.5	98.2	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1385L
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	47.0	60.4	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 20000	49.5	64.3	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	49.5	64.4	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	49.5	64.4	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	49.9	64.9	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	50.9	66.5	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	54.3	71.0	71.5	71.6	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 9000	54.4	71.2	71.6	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	56.5	74.2	74.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	57.6	75.7	76.2	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	57.9	76.5	77.1	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	58.6	78.1	78.7	79.8	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	59.2	79.2	79.8	79.9	80.1	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	59.5	80.1	80.9	81.0	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	60.2	81.4	82.2	82.3	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	60.2	82.0	82.9	83.0	83.2	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	60.4	83.7	84.5	84.8	85.3	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	60.5	85.8	87.1	87.4	88.1	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	60.6	86.6	88.3	88.5	89.2	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	61.1	88.4	90.4	90.8	91.5	91.5	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	61.5	89.4	91.4	91.7	92.6	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	61.7	89.7	91.7	92.1	93.1	93.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	61.9	90.2	92.6	92.9	94.1	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	61.9	90.2	92.6	93.0	94.2	94.4	95.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	61.9	90.4	92.8	93.3	94.6	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	61.7	90.8	93.6	94.1	95.4	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	61.9	91.3	94.2	94.7	96.0	96.5	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	62.1	91.6	94.7	95.2	96.5	96.9	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	62.1	91.6	94.9	95.4	96.8	97.3	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1
≥ 200	62.1	91.6	94.9	95.4	96.8	97.3	98.1	98.7	98.9	99.1	99.3	99.4	99.4	99.5	99.6	99.6
≥ 100	62.1	91.6	94.9	95.4	96.8	97.3	98.1	98.7	98.9	99.1	99.3	99.5	99.8	99.9	100.0	100.0
≥ 0	62.1	91.6	94.9	95.4	96.8	97.3	98.1	98.7	98.9	99.1	99.3	99.5	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
5450

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

PER
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	48.1	60.6	61.2	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.5
≥ 20000	49.5	62.9	63.6	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.7	64.9
≥ 18000	49.5	62.9	63.6	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.7	64.9
≥ 16000	49.6	63.7	63.7	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.8	65.0
≥ 14000	49.9	63.5	64.2	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.5
≥ 12000	50.6	64.5	65.2	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.3	66.5
≥ 10000	53.4	68.2	68.9	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.9	69.9	69.9	69.9	70.0	70.2
≥ 9000	53.5	68.4	69.1	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.4
≥ 8000	55.1	70.8	71.5	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.6	72.8
≥ 7000	56.3	72.2	73.0	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.3
≥ 6000	57.0	73.0	73.8	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.8	75.1
≥ 5000	57.7	74.5	75.4	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.5	76.7
≥ 4500	57.8	74.9	75.9	76.7	76.7	76.7	76.7	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.1	77.3
≥ 4000	58.3	76.1	77.3	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.7
≥ 3500	58.7	76.7	78.1	78.8	78.8	78.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.4
≥ 3000	58.7	77.4	78.7	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.3
≥ 2500	58.9	78.8	80.1	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.7
≥ 2000	59.4	80.5	81.9	82.7	83.0	83.2	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.6	83.8
≥ 1800	60.4	81.3	82.7	83.6	83.9	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.8
≥ 1500	61.6	82.7	84.3	85.1	85.6	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.5
≥ 1200	61.7	84.8	86.4	87.4	87.8	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.7	88.9
≥ 1000	61.9	85.5	87.2	88.2	88.7	89.1	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.5	89.7
≥ 900	62.1	86.3	88.1	89.1	89.6	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.8
≥ 800	62.1	86.5	88.4	89.6	90.2	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.3	91.4	91.6
≥ 700	62.3	87.0	88.9	90.1	90.7	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.8	92.0	92.2
≥ 600	62.4	87.8	89.8	91.3	91.8	92.6	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.1	93.4
≥ 500	62.4	88.3	90.3	92.1	92.8	93.5	93.6	93.9	93.9	93.9	94.0	94.0	94.0	94.1	94.2	94.4
≥ 400	62.6	89.1	91.6	93.6	94.3	95.4	95.6	96.3	96.3	96.3	96.5	96.5	96.5	96.6	96.7	96.9
≥ 300	62.6	89.4	91.8	94.3	95.0	96.1	96.5	97.3	97.4	97.5	97.6	97.6	97.6	97.8	97.9	98.1
≥ 200	62.6	89.4	92.0	94.4	95.2	96.2	96.7	97.6	97.8	98.1	98.3	98.5	98.8	98.8	98.9	99.2
≥ 100	62.6	89.4	92.1	94.4	95.2	96.3	96.8	97.9	98.0	98.3	98.6	98.7	99.2	99.3	99.6	99.9
≥ 0	62.6	89.4	92.1	94.4	95.2	96.3	96.8	97.9	98.0	98.3	98.6	98.7	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS IN DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	38.0	54.5	55.3	55.8	56.0	56.1	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.5	56.8
≥ 20000	40.3	58.9	59.8	60.3	60.6	60.7	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.1	61.4
≥ 18000	40.4	59.0	59.9	60.5	60.7	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.5
IV ≥ 16000	40.4	59.1	59.9	60.5	60.7	60.8	60.9	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.5
IV ≥ 14000	40.7	59.5	60.4	60.9	61.2	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.7	62.0
IV ≥ 12000	41.9	61.1	61.9	62.5	62.7	62.8	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.5
IV ≥ 10000	44.0	64.3	65.4	66.0	66.2	66.3	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.8	67.1
IV ≥ 9000	44.1	64.6	65.7	66.3	66.5	66.6	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.4
IV ≥ 8000	45.6	67.3	68.4	69.0	69.3	69.4	69.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.9	70.2
IV ≥ 7000	46.2	68.2	69.4	70.0	70.3	70.4	70.5	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.9	71.2
IV ≥ 6000	46.8	69.3	70.5	71.1	71.4	71.5	71.6	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.3
IV ≥ 5000	47.5	70.7	72.0	72.7	73.0	73.1	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.7	73.7	74.0
IV ≥ 4500	48.0	71.6	73.0	73.6	74.0	74.1	74.3	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.7	75.0
IV ≥ 4000	49.4	72.8	74.3	75.0	75.4	75.5	75.7	75.8	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.4
IV ≥ 3500	48.9	73.8	75.5	76.2	76.6	76.7	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.6
IV ≥ 3000	49.1	74.6	76.5	77.2	77.6	77.7	78.0	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.7
IV ≥ 2500	49.6	76.2	77.9	78.7	79.2	79.4	79.6	79.7	79.8	79.9	80.0	80.0	80.0	80.1	80.1	80.4
IV ≥ 2000	50.4	78.1	80.1	81.0	81.7	81.9	82.2	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.7	83.0
IV ≥ 1800	50.6	78.8	80.9	81.8	82.5	82.7	83.0	83.1	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.8
IV ≥ 1500	51.0	80.1	82.4	83.3	84.1	84.4	84.7	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.6
IV ≥ 1200	51.5	81.5	83.8	84.8	85.7	86.0	86.3	86.5	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.3
IV ≥ 1000	51.7	82.2	84.7	85.8	86.8	87.1	87.5	87.7	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.5
IV ≥ 900	52.0	82.9	85.5	86.7	87.7	88.0	88.4	88.6	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.5
IV ≥ 800	52.2	83.4	86.1	87.3	88.3	88.7	89.1	89.3	89.5	89.7	89.8	89.8	89.8	89.9	89.9	90.3
IV ≥ 700	52.3	84.0	86.8	88.1	89.3	89.7	90.1	90.3	90.5	90.7	90.8	90.8	90.9	90.9	91.0	91.3
IV ≥ 600	52.6	84.7	87.6	89.1	90.4	90.8	91.3	91.5	91.7	91.9	92.0	92.0	92.1	92.1	92.2	92.5
IV ≥ 500	52.7	85.2	88.3	90.0	91.4	92.0	92.6	92.9	93.2	93.4	93.5	93.5	93.6	93.6	93.7	94.0
IV ≥ 400	52.8	85.7	89.0	90.7	92.2	93.1	93.7	94.3	94.6	94.8	95.0	95.0	95.1	95.1	95.2	95.5
IV ≥ 300	52.5	85.8	89.1	91.0	92.8	93.6	94.4	95.1	95.6	96.0	96.3	96.3	96.4	96.5	96.5	96.9
IV ≥ 200	52.3	85.8	89.1	91.0	92.9	93.8	94.7	95.6	96.2	96.8	97.0	97.4	97.6	97.7	97.9	98.3
IV ≥ 100	52.6	85.8	89.1	91.0	92.9	93.8	94.8	95.7	96.4	97.0	97.5	97.7	98.1	98.3	98.8	99.5
IV ≥ 0	52.5	85.8	89.1	91.0	92.9	93.8	94.8	95.7	96.4	97.0	97.5	97.7	98.1	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	37.7	52.0	52.6	52.8	53.0	53.0	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.7	53.9	54.0
≥ 20000	36.8	54.9	55.7	56.0	56.2	56.2	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.9	57.1	57.2
≥ 18000	39.1	55.3	56.0	56.3	56.6	56.6	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.4	57.5
≥ 16000	39.1	55.3	56.0	56.3	56.6	56.6	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.4	57.5
≥ 14000	39.4	55.5	56.2	56.6	56.8	56.8	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.6	57.7
≥ 12000	39.4	55.7	56.5	56.8	57.0	57.0	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.8	58.0
≥ 10000	39.6	56.3	57.1	57.5	57.7	57.7	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.4	58.6	58.7
≥ 9000	39.6	56.3	57.2	57.6	57.8	57.8	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.5	58.7	58.8
≥ 8000	40.5	58.2	59.0	59.5	59.7	59.7	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.5	60.6
≥ 7000	40.9	58.5	59.4	59.8	60.1	60.1	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.8	61.0	61.1
≥ 6000	42.2	60.6	61.5	61.9	62.4	62.4	62.7	62.8	62.8	62.9	62.9	62.9	62.9	63.3	63.2	63.3
≥ 5000	43.0	62.0	62.9	63.3	63.8	63.8	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.4	64.6	64.7
≥ 4500	43.4	63.2	64.1	64.5	64.9	64.9	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.8	65.9
≥ 4000	43.7	64.1	64.9	65.4	65.8	65.8	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.5	66.7	66.8
≥ 3500	44.4	65.4	66.2	66.8	67.2	67.2	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.8	68.1	68.2
≥ 3000	44.6	65.9	66.9	67.6	68.2	68.2	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.8	69.0	69.1
≥ 2500	45.3	66.8	67.7	68.5	69.0	69.0	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.8	70.0	70.1
≥ 2000	46.2	68.9	70.0	70.9	71.5	71.5	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.7	72.8
≥ 1800	46.9	69.9	71.1	71.9	72.6	72.6	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.8	73.9
≥ 1500	47.3	71.2	72.5	73.5	74.3	74.3	74.8	75.2	75.2	75.3	75.3	75.3	75.4	75.5	75.7	75.8
≥ 1200	48.3	73.4	74.8	76.0	76.9	76.9	77.4	77.8	77.8	78.1	78.1	78.1	78.1	78.2	78.4	78.5
≥ 1000	49.1	74.5	75.9	77.1	78.1	78.2	78.7	79.1	79.1	79.2	79.2	79.2	79.4	79.5	79.7	79.8
≥ 900	49.8	76.2	77.7	78.9	79.9	80.0	80.5	81.0	81.0	81.1	81.1	81.1	81.2	81.4	81.6	81.7
≥ 800	50.3	77.0	78.5	80.0	81.0	81.2	81.9	82.5	82.5	82.6	82.6	82.6	82.7	82.9	83.1	83.2
≥ 700	50.3	78.2	79.7	81.2	82.2	82.4	83.1	83.7	83.7	83.8	83.8	83.8	83.9	84.1	84.3	84.4
≥ 600	50.8	79.7	81.6	83.1	84.1	84.4	85.3	85.8	85.8	85.9	85.9	85.9	86.1	86.3	86.6	86.7
≥ 500	51.1	80.6	83.2	84.9	86.0	86.6	87.4	88.0	88.0	88.2	88.2	88.2	88.6	88.8	89.0	89.1
≥ 400	51.1	82.6	85.6	87.6	89.1	89.7	90.5	91.1	91.1	91.3	91.3	91.3	91.7	91.9	92.2	92.3
≥ 300	51.1	82.6	86.0	88.1	90.0	90.6	91.6	92.5	92.5	92.8	93.1	93.1	93.8	94.0	94.2	94.3
≥ 200	51.1	82.6	86.1	88.4	90.5	91.3	92.4	93.5	93.9	94.6	95.7	95.9	96.7	97.1	97.4	97.5
≥ 100	51.1	82.6	86.1	88.4	90.5	91.3	92.4	93.5	94.0	94.7	95.9	96.1	97.0	97.8	98.8	99.8
≥ 0	51.1	82.6	86.1	88.4	90.5	91.3	92.4	93.5	94.0	94.7	95.9	96.1	97.1	98.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03550
STATION

FT RUCKER AL

STATION NAME

62-70,73-80

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	53.1	46.7	47.4	48.1	48.7	48.9	49.0	49.1	49.1	49.4	49.5	49.5	49.9	50.0	50.1	51.0
≥ 20000	34.4	49.2	51.1	51.6	51.3	51.5	51.6	51.7	51.7	51.9	52.0	52.0	52.5	52.6	52.7	53.5
≥ 18000	34.7	49.6	51.3	51.0	51.6	51.8	51.9	52.0	52.0	52.3	52.4	52.4	52.8	52.9	53.0	53.9
≥ 16000	34.7	49.6	51.3	51.0	51.6	51.8	51.9	52.0	52.0	52.3	52.4	52.4	52.8	52.9	53.0	53.9
≥ 14000	34.7	49.6	51.3	51.0	51.6	51.8	52.0	52.2	52.2	52.4	52.5	52.5	52.9	53.0	53.1	54.0
≥ 12000	34.3	49.8	51.5	51.2	51.8	52.0	52.3	52.4	52.4	52.6	52.7	52.7	53.1	53.2	53.3	54.2
≥ 10000	35.4	51.1	51.9	52.5	53.1	53.3	53.5	53.7	53.7	53.9	54.0	54.0	54.4	54.5	54.6	55.5
≥ 9000	35.6	51.3	52.0	52.7	53.3	53.5	53.8	53.9	53.9	54.1	54.2	54.2	54.6	54.7	54.8	55.7
≥ 8000	36.3	52.9	53.8	54.4	55.1	55.3	55.3	55.6	55.6	55.8	55.9	55.9	56.3	56.5	56.6	57.4
≥ 7000	36.7	53.4	54.3	54.9	55.6	55.8	56.0	56.1	56.1	56.3	56.5	56.5	56.9	57.0	57.1	58.0
≥ 6000	37.2	54.5	55.4	56.1	56.8	57.0	57.2	57.3	57.3	57.5	57.6	57.6	58.1	58.2	58.3	59.1
≥ 5000	38.1	55.9	57.0	57.7	58.4	58.6	58.8	59.1	59.1	59.4	59.6	59.6	60.1	60.2	60.3	61.2
≥ 4500	38.3	56.8	58.1	58.7	59.4	59.6	59.8	60.1	60.1	60.3	60.5	60.5	61.1	61.2	61.3	62.2
≥ 4000	38.4	57.2	58.4	59.1	59.8	60.0	60.2	60.5	60.5	60.8	61.0	61.0	61.5	61.6	61.7	62.6
≥ 3500	38.7	57.7	58.9	59.7	60.3	60.5	60.8	61.1	61.1	61.3	61.5	61.5	62.0	62.2	62.3	63.1
≥ 3000	39.2	58.6	59.8	60.6	61.3	61.5	61.8	62.2	62.2	62.4	62.6	62.6	63.1	63.2	63.3	64.2
≥ 2500	39.7	59.7	60.9	61.9	62.7	62.9	63.2	63.5	63.5	63.8	64.0	64.0	64.5	64.6	64.7	65.6
≥ 2000	40.3	61.8	63.0	64.2	64.9	65.2	65.5	65.9	65.9	66.1	66.3	66.3	66.9	67.0	67.1	68.0
≥ 1800	40.5	62.5	63.7	64.8	65.6	65.8	66.1	66.6	66.6	66.8	67.1	67.0	67.5	67.6	67.7	68.6
≥ 1500	42.2	64.9	66.1	67.3	68.1	68.4	69.0	69.5	69.5	69.7	69.9	69.9	70.4	70.5	70.8	71.6
≥ 1200	42.8	67.0	68.4	69.8	70.5	70.9	71.5	71.9	71.9	72.3	72.5	72.5	73.0	73.1	73.3	74.2
≥ 1000	43.4	68.7	70.2	71.6	72.6	72.9	73.8	74.2	74.2	74.6	74.8	74.8	75.4	75.5	75.7	76.6
≥ 900	44.1	70.6	72.2	73.5	74.6	75.1	75.9	76.3	76.3	76.8	77.0	77.0	77.6	77.7	78.0	78.8
≥ 800	44.4	71.3	72.9	74.3	75.4	76.0	76.9	77.3	77.3	77.7	78.0	78.0	78.6	78.7	78.9	79.9
≥ 700	44.8	72.9	74.7	76.1	77.3	78.0	78.8	79.2	79.2	79.7	79.9	79.9	80.5	80.6	80.9	81.8
≥ 600	45.2	73.9	76.1	77.5	78.8	79.5	80.4	80.9	80.9	81.3	81.5	81.5	82.2	82.3	82.5	83.4
≥ 500	45.4	75.3	77.7	79.8	81.3	82.2	83.1	83.7	83.7	84.1	84.3	84.3	84.9	85.1	85.3	86.2
≥ 400	45.6	76.3	78.9	81.2	82.8	83.7	84.7	85.3	85.3	85.8	86.0	86.0	86.7	86.8	87.0	88.0
≥ 300	45.6	76.8	79.6	81.8	83.8	84.8	86.5	87.3	87.5	88.2	88.4	88.4	89.4	89.5	89.6	90.9
≥ 200	45.6	76.9	79.9	82.5	84.6	85.8	87.8	88.9	89.5	90.4	91.1	91.1	92.8	93.3	93.7	94.9
≥ 100	45.6	76.9	79.8	82.5	84.6	85.8	88.0	89.1	89.8	90.8	91.9	92.0	94.1	95.4	96.6	99.0
≥ 0	45.6	76.9	79.8	82.5	84.6	85.8	88.0	89.1	89.8	91.8	91.9	92.0	94.1	95.4	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

SIGPAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03250
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	19.1	35.6	37.2	38.5	38.9	39.5	39.7	39.9	40.1	40.2	40.4	40.4	41.3	41.4	41.8	42.7
≥ 20000	20.0	39.5	41.6	43.1	43.8	44.3	44.6	44.8	45.1	45.2	45.4	45.4	46.3	46.5	47.0	48.0
IV ≥ 18000	25.0	39.7	41.8	43.3	44.0	44.5	44.8	45.1	45.3	45.4	45.6	45.6	46.6	46.7	47.2	48.2
IV ≥ 16000	20.0	39.7	41.8	43.3	44.0	44.5	44.8	45.1	45.3	45.4	45.6	45.6	46.6	46.7	47.2	48.2
IV ≥ 14000	20.1	40.1	42.3	43.8	44.4	44.9	45.3	45.5	45.7	45.8	46.0	46.0	47.0	47.1	47.6	48.6
IV ≥ 12000	20.8	41.4	43.7	45.2	45.8	46.3	46.7	46.9	47.1	47.2	47.4	47.4	48.4	48.5	49.0	50.0
IV ≥ 10000	21.9	43.9	46.2	47.7	48.4	48.9	49.2	49.5	49.7	49.8	50.0	50.0	51.0	51.1	51.6	52.6
IV ≥ 9000	21.9	44.2	46.5	48.3	48.9	49.5	49.8	50.0	50.2	50.3	50.5	50.5	51.5	51.6	52.2	53.1
IV ≥ 8000	23.5	47.4	50.1	51.7	52.6	53.1	53.5	53.8	54.0	54.2	54.4	54.4	55.4	55.5	56.0	57.0
IV ≥ 7000	24.0	48.6	51.3	53.0	53.9	54.4	54.8	55.1	55.3	55.5	55.7	55.7	56.7	56.8	57.3	58.3
IV ≥ 6000	24.3	49.6	52.3	54.1	54.9	55.5	55.9	56.1	56.3	56.6	56.8	56.8	57.7	57.8	58.4	59.4
IV ≥ 5000	24.9	50.9	53.8	55.6	56.5	57.0	57.4	57.6	57.8	58.1	58.3	58.3	59.2	59.4	59.9	60.9
IV ≥ 4500	25.3	52.0	54.9	56.8	57.6	58.2	58.6	58.8	59.0	59.2	59.5	59.5	60.4	60.5	61.1	62.0
IV ≥ 4000	25.5	53.0	55.9	57.8	58.8	59.4	59.8	60.0	60.2	60.4	60.6	60.6	61.6	61.7	62.3	63.2
IV ≥ 3500	25.8	53.7	56.6	58.5	59.6	60.1	60.5	61.0	61.2	61.4	61.6	61.6	62.6	62.7	63.2	64.2
IV ≥ 3000	25.8	54.4	57.4	59.4	60.4	61.0	61.4	61.8	62.0	62.3	62.5	62.5	63.5	63.7	64.2	65.2
IV ≥ 2500	26.1	56.1	59.1	61.1	62.2	62.7	63.1	63.7	63.9	64.1	64.3	64.3	65.4	65.5	66.0	67.0
IV ≥ 2000	26.6	58.3	61.5	63.4	64.5	65.1	65.5	66.1	66.3	66.6	66.8	66.8	67.8	68.0	68.5	69.5
IV ≥ 1800	27.0	59.1	62.5	64.4	65.5	66.0	66.6	67.2	67.4	67.6	67.8	67.8	68.9	69.1	69.6	70.5
IV ≥ 1500	27.5	60.4	64.2	66.1	67.2	67.7	68.4	69.0	69.2	69.5	69.7	69.7	70.8	70.9	71.4	72.4
IV ≥ 1200	28.0	62.0	66.2	68.2	69.5	70.1	70.9	71.6	71.9	72.3	72.5	72.5	73.7	73.8	74.3	75.3
IV ≥ 1000	28.5	64.2	68.6	70.6	72.3	72.9	73.8	74.5	74.9	75.4	75.6	75.6	76.8	76.9	77.4	78.4
IV ≥ 900	28.6	65.5	70.0	72.0	73.7	74.3	75.4	76.1	76.6	77.0	77.2	77.2	78.4	78.5	79.0	80.0
IV ≥ 800	29.6	65.8	71.4	72.7	74.8	75.7	76.9	77.7	78.2	78.6	78.8	78.8	80.1	80.2	80.8	81.7
IV ≥ 700	28.7	66.8	71.6	74.2	76.8	77.6	78.9	79.8	80.2	80.6	81.0	81.0	82.3	82.4	82.9	83.9
IV ≥ 600	28.8	67.5	72.6	75.2	78.1	78.9	80.3	81.3	81.7	82.2	82.5	82.5	83.8	83.9	84.4	85.4
IV ≥ 500	29.4	68.8	74.1	77.2	80.2	81.1	82.6	84.1	84.5	84.9	85.4	85.4	86.7	86.8	87.3	88.3
IV ≥ 400	29.5	69.6	74.9	78.2	81.6	82.6	84.3	85.8	86.3	86.8	87.4	87.4	88.8	88.9	89.5	90.4
IV ≥ 300	29.5	70.0	75.5	79.0	82.8	84.1	85.9	87.7	88.5	89.2	90.2	90.2	91.6	91.7	92.3	93.4
IV ≥ 200	29.5	70.0	75.6	79.1	83.0	84.3	86.3	88.4	89.1	90.2	91.4	91.4	92.8	92.9	93.5	94.5
IV ≥ 100	29.5	70.0	75.6	79.1	83.0	84.3	86.3	88.4	89.1	90.3	91.5	91.5	92.9	93.0	93.6	94.6
IV ≥ 0	29.5	70.0	75.6	79.1	83.0	84.3	86.3	88.4	89.1	90.3	91.5	91.5	92.9	93.0	93.6	94.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

395L
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0	≥0
NO CEILING	26.3	45.4	45.8	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	29.4	51.6	52.7	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000	29.5	51.7	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 16000	29.5	51.7	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	29.8	52.4	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	30.1	52.8	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 10000	31.5	56.3	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 9000	32.2	57.0	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	34.1	60.2	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 7000	34.9	61.4	62.5	62.6	62.6	62.6	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 6000	35.4	62.2	63.2	63.3	63.3	63.3	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 5000	35.3	63.8	64.8	65.2	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500	36.0	64.5	65.6	65.9	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 4000	36.1	65.9	67.1	67.6	67.6	67.6	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	36.3	66.9	68.1	68.6	68.6	68.6	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	36.3	68.5	69.7	70.2	70.2	70.2	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 2500	37.7	71.2	72.4	73.0	73.0	73.0	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 2000	39.5	75.5	76.7	77.4	77.4	77.6	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1800	40.0	76.6	77.7	78.5	78.5	78.7	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1500	40.5	78.8	80.1	80.9	81.0	81.2	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1200	41.4	81.1	82.8	83.5	83.8	84.0	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	42.3	83.8	85.9	86.7	87.0	87.2	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	42.6	84.6	87.1	88.0	88.4	88.6	88.9	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	42.5	85.5	88.3	89.1	89.6	89.8	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	42.9	86.5	89.5	90.3	91.0	91.2	91.5	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 600	43.7	87.6	91.1	92.0	92.8	93.1	93.4	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	43.7	88.3	91.8	93.0	94.1	94.4	94.7	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	43.7	88.6	92.3	93.7	95.1	95.6	95.9	96.6	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3
≥ 300	43.0	88.7	92.4	93.9	95.4	96.0	96.5	97.4	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.7
≥ 200	43.7	88.7	92.4	93.9	95.5	96.1	96.6	97.6	98.4	98.6	99.0	99.2	99.6	99.6	99.7	99.7
≥ 100	43.0	88.7	92.4	93.9	95.5	96.1	96.6	97.6	98.4	98.6	99.0	99.2	99.6	99.8	100.0	100.0
≥ 0	43.7	88.7	92.4	93.9	95.5	96.1	96.6	97.6	98.4	98.6	99.0	99.2	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1203-1400
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	34.8	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 20000	39.0	57.5	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 18000	39.0	57.6	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 16000	39.0	57.6	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 14000	39.4	58.0	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 12000	39.9	58.9	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 10000	41.3	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 9000	42.2	63.3	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 8000	42.7	65.1	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 7000	43.1	65.8	66.0	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 6000	44.1	67.3	67.5	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 5000	44.5	69.5	69.7	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 4500	45.3	70.9	71.2	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 4000	45.5	73.2	73.5	74.0	74.2	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 3500	47.3	74.9	75.4	76.0	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3000	48.0	77.0	77.4	78.1	78.3	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 2500	49.0	80.0	80.4	81.3	81.5	81.5	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 2000	51.3	84.4	85.1	85.9	86.1	86.2	86.6	86.7	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0
IV 1800	51.7	85.4	86.0	86.9	87.1	87.2	87.6	87.7	87.8	88.0	88.0	88.0	88.0	88.1	88.1	88.1
IV 1500	52.2	87.1	87.7	88.6	88.8	88.9	89.4	89.5	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8
IV 1200	53.1	89.7	90.4	91.3	91.5	91.7	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6
IV 1000	53.7	91.9	92.7	92.9	93.1	93.3	93.8	93.9	94.0	94.2	94.2	94.2	94.2	94.4	94.4	94.4
IV 900	53.8	91.5	92.8	93.7	94.0	94.3	94.7	94.8	94.9	95.2	95.2	95.2	95.2	95.4	95.4	95.4
IV 800	53.8	92.4	93.7	94.6	94.9	95.3	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.3	96.3	96.3
IV 700	53.8	92.6	94.1	94.9	95.3	95.6	96.0	96.2	96.3	96.6	96.6	96.6	96.6	96.8	96.8	96.8
IV 600	53.2	92.6	94.1	95.1	95.4	95.9	96.5	96.7	96.8	97.0	97.0	97.0	97.0	97.2	97.2	97.2
IV 500	53.8	92.9	94.5	95.7	96.2	96.3	97.5	97.7	97.8	98.1	98.1	98.1	98.1	98.3	98.3	98.3
IV 400	53.8	93.2	95.2	96.3	97.0	97.6	98.4	98.7	98.9	99.2	99.2	99.2	99.2	99.5	99.5	99.5
IV 300	53.8	93.2	95.2	96.5	97.1	97.7	98.5	98.8	99.1	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 200	53.2	93.2	95.2	96.5	97.1	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.6	99.9	99.9	99.9
IV 100	53.3	93.2	95.2	96.5	97.1	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.6	99.9	99.9	99.9
IV 0	53.8	93.2	95.2	96.5	97.1	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.6	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
LAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03650
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	36.6	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	41.7	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 18000	42.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	42.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000	42.4	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	42.5	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	44.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	45.3	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	47.1	69.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	48.0	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	49.2	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 5000	50.4	73.2	73.8	74.0	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	51.1	74.6	75.2	75.4	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4000	52.4	77.2	77.7	78.1	78.2	78.2	78.4	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	52.9	78.4	79.0	79.6	79.8	79.8	80.0	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3000	54.0	80.4	81.2	81.9	82.3	82.3	82.5	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	54.6	82.0	83.1	84.1	84.5	84.5	84.7	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000	55.4	84.8	86.0	87.1	87.5	87.5	87.7	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	55.7	85.9	87.1	88.2	88.6	88.6	88.8	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	56.2	87.8	89.0	90.4	90.9	90.9	91.2	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	56.7	89.2	91.0	92.2	92.6	92.6	93.0	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	56.7	90.2	91.8	93.2	93.7	93.8	94.2	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	56.7	90.3	91.9	93.4	93.9	94.1	94.5	94.8	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	56.9	91.1	93.0	94.6	95.1	95.4	95.8	96.1	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	56.8	91.4	93.4	95.2	95.6	96.0	96.5	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	56.3	91.7	93.9	95.5	96.0	96.5	96.9	97.2	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	56.3	91.8	93.9	95.6	96.2	96.7	97.4	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	56.8	91.9	94.2	95.9	96.8	97.3	98.1	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	56.8	91.9	94.3	96.0	97.3	98.0	98.7	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	56.3	91.9	94.3	96.0	97.3	98.0	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.3	91.9	94.3	96.0	97.3	98.0	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.3	91.9	94.3	96.0	97.3	98.0	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	43.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥20000	48.4	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥18000	48.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥16000	48.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥14000	48.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥12000	48.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥10000	49.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥9000	49.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥8000	51.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥7000	51.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥6000	52.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥5000	52.7	74.6	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥4500	53.3	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥4000	53.3	76.8	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥3500	54.4	78.0	78.4	78.4	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥3000	55.5	81.1	81.5	81.6	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥2500	55.7	81.0	81.9	82.0	82.5	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥2000	56.5	83.9	84.9	85.1	85.6	85.7	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥1800	56.5	84.2	85.3	85.4	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥1500	56.8	85.7	86.9	87.4	88.0	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥1200	57.2	87.6	89.1	89.7	90.3	90.4	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥1000	57.6	88.5	90.1	90.8	91.5	91.7	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥900	57.8	89.2	91.2	91.8	92.6	92.9	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥800	58.0	89.8	91.8	92.5	93.2	93.5	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥700	58.0	90.2	92.3	92.9	93.9	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥600	58.1	90.6	92.7	93.8	94.7	95.1	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥500	58.3	91.0	93.5	94.5	95.6	95.9	96.5	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥400	58.7	91.3	93.9	94.8	96.0	96.3	97.0	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥300	58.0	91.3	94.1	95.4	96.8	97.1	97.7	98.0	98.3	98.6	98.9	98.8	99.0	99.0	99.0	99.0
≥200	58.0	91.3	94.1	95.4	96.9	97.1	97.8	98.2	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.7
≥100	58.0	91.3	94.1	95.4	96.8	97.1	97.8	98.2	98.5	99.1	99.5	99.7	99.9	100.0	100.0	100.0
≥0	53.0	91.3	94.1	95.4	96.8	97.1	97.8	98.2	98.5	99.1	99.5	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 3450 FT RUCKER AL STATION NAME 69-73, 73-80 YEARS 2100-2300 MAP 2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	43.7	58.6	58.9	59.0	59.2	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6
≥20000	46.3	62.4	62.8	63.0	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5
≥18000	46.7	62.7	63.1	63.3	63.5	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
≥16000	46.7	62.7	63.1	63.3	63.5	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
≥14000	46.8	62.8	63.2	63.4	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0
≥12000	46.9	63.1	63.5	63.8	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3
≥10000	47.7	65.2	65.6	65.8	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3
≥9000	47.8	65.3	65.7	65.9	66.1	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5
≥8000	49.4	67.6	68.2	68.4	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9
≥7000	49.5	68.1	69.6	68.8	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥6000	50.4	69.9	70.5	70.8	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3
≥5000	51.4	71.2	71.8	72.0	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6
≥4500	51.8	72.0	72.7	72.9	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4
≥4000	52.2	72.7	73.4	74.1	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥3500	52.6	73.3	74.1	74.7	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5
≥3000	53.0	74.1	74.8	75.5	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥2500	53.1	74.5	75.3	75.9	76.3	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
≥2000	53.8	76.9	77.6	78.6	79.1	79.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6
≥1800	53.9	77.2	78.0	78.9	79.5	79.5	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
≥1500	55.0	80.1	81.1	82.0	82.7	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
≥1200	56.1	82.5	83.5	84.5	85.3	85.3	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
≥1000	56.5	83.9	84.9	86.0	86.9	86.9	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥900	57.4	85.2	86.2	87.4	88.4	88.4	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
≥800	57.5	86.1	87.2	88.7	89.8	89.8	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5
≥700	58.0	87.3	88.5	90.0	91.2	91.2	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0
≥600	58.2	88.1	89.4	91.1	92.3	92.3	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.2	93.2
≥500	58.3	88.9	90.5	92.3	93.7	93.7	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.8	94.8
≥400	58.3	89.5	91.3	93.1	95.1	95.1	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.3	96.3
≥300	58.3	89.7	92.0	93.9	95.8	95.9	96.6	97.0	97.1	97.2	97.4	97.4	97.4	97.5	97.7	97.7
≥200	58.3	89.7	92.2	94.1	96.0	96.2	96.9	97.3	97.6	97.7	98.4	98.4	98.6	98.6	98.8	98.8
≥100	58.3	89.8	92.3	94.2	96.2	96.6	97.2	97.6	98.1	98.2	98.8	98.8	98.8	99.1	99.2	100.0
0	58.3	89.8	92.3	94.2	96.2	96.6	97.2	97.6	98.1	98.2	98.8	98.8	98.8	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS IN DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	34.3	46.9	49.4	49.7	49.9	50.0	50.1	50.1	50.2	50.3	50.3	50.3	50.5	50.5	50.6	50.8
≥ 20000	17.3	55.0	55.6	56.0	56.2	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.8	56.8	56.9	57.2
≥ 18000	37.5	55.3	55.2	56.3	56.5	56.6	56.7	56.7	56.8	56.8	56.9	56.9	57.1	57.1	57.2	57.5
≥ 16000	37.5	55.3	55.9	56.3	56.5	56.6	56.7	56.7	56.8	56.8	56.9	56.9	57.1	57.1	57.2	57.5
≥ 14000	37.6	55.5	56.2	56.5	56.8	56.9	57.0	57.0	57.1	57.1	57.2	57.2	57.4	57.4	57.5	57.8
≥ 12000	37.6	55.5	56.7	57.1	57.3	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.9	57.9	58.0	58.3
≥ 10000	39.1	58.7	59.4	59.8	60.0	60.1	60.2	60.3	60.3	60.4	60.4	60.4	60.6	60.6	60.7	61.0
≥ 9000	39.7	59.1	59.9	60.2	60.4	60.5	60.6	60.7	60.7	60.8	60.8	60.8	61.0	61.0	61.2	61.4
≥ 8000	40.6	61.4	62.2	62.6	62.8	62.9	63.1	63.1	63.2	63.3	63.3	63.3	63.5	63.5	63.6	63.9
≥ 7000	41.1	62.2	63.0	63.4	63.7	63.8	63.9	64.0	64.0	64.1	64.2	64.2	64.3	64.4	64.5	64.7
≥ 6000	41.9	63.7	64.5	65.0	65.2	65.3	65.5	65.6	65.6	65.7	65.7	65.7	65.9	65.9	66.1	66.3
≥ 5000	42.7	65.2	66.1	66.6	66.9	67.0	67.2	67.3	67.3	67.4	67.4	67.4	67.6	67.7	67.8	68.1
≥ 4500	43.1	66.2	67.2	67.7	68.0	68.1	68.2	68.3	68.4	68.5	68.5	68.5	68.7	68.8	68.9	69.1
≥ 4000	43.5	67.5	68.5	69.1	69.5	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.3	70.4	70.5	70.7
≥ 3500	44.1	68.5	69.6	70.3	70.7	70.8	71.0	71.1	71.2	71.3	71.4	71.4	71.6	71.6	71.7	72.0
≥ 3000	44.6	69.9	71.0	71.7	72.2	72.3	72.5	72.7	72.7	72.8	72.9	72.9	73.1	73.1	73.3	73.5
≥ 2500	45.2	71.4	72.6	73.5	74.0	74.1	74.3	74.5	74.6	74.7	74.7	74.7	74.9	75.0	75.1	75.3
≥ 2000	46.2	74.3	75.6	76.6	77.1	77.2	77.5	77.8	77.8	77.9	78.0	78.0	78.2	78.3	78.4	78.6
≥ 1800	46.5	75.1	76.4	77.4	77.9	78.1	78.3	78.6	78.7	78.8	78.9	78.9	79.1	79.1	79.2	79.5
≥ 1500	47.3	77.0	78.5	79.5	80.1	80.3	80.7	80.9	81.0	81.1	81.2	81.2	81.4	81.4	81.6	81.8
≥ 1200	48.0	79.1	80.8	81.9	82.5	82.7	83.2	83.5	83.5	83.7	83.8	83.8	84.0	84.0	84.2	84.4
≥ 1000	48.5	80.6	82.4	83.6	84.4	84.6	85.1	85.4	85.5	85.7	85.8	85.8	86.0	86.0	86.2	86.4
≥ 900	48.8	81.7	83.4	84.9	85.7	86.0	86.5	86.8	86.9	87.1	87.2	87.2	87.4	87.5	87.6	87.9
≥ 800	49.1	82.4	84.5	85.8	86.7	87.1	87.7	88.0	88.1	88.3	88.4	88.4	88.6	88.7	88.9	89.1
≥ 700	49.2	83.2	85.5	86.9	87.9	88.3	88.9	89.2	89.4	89.5	89.6	89.6	89.9	90.0	90.1	90.4
≥ 600	49.3	84.0	86.5	87.9	89.0	89.4	90.1	90.5	90.7	90.9	90.9	90.9	91.2	91.3	91.4	91.7
≥ 500	49.4	84.7	87.4	89.1	90.4	90.9	91.7	92.2	92.4	92.6	92.7	92.7	93.0	93.1	93.2	93.5
≥ 400	49.5	85.4	88.3	90.1	91.7	92.2	93.1	93.6	93.8	94.1	94.2	94.3	94.6	94.7	94.8	95.1
≥ 300	49.5	85.5	88.6	90.6	92.4	93.0	94.0	94.7	95.1	95.4	95.7	95.7	96.2	96.3	96.4	96.7
≥ 200	49.5	85.5	88.7	90.7	92.6	93.3	94.4	95.3	95.8	96.3	96.8	96.9	97.6	97.8	98.0	98.4
≥ 100	49.5	85.6	88.7	90.7	92.6	93.4	94.4	95.3	95.9	96.4	97.0	97.2	98.0	98.4	99.1	99.8
≥ 0	49.5	85.6	88.7	90.7	92.6	93.4	94.4	95.3	95.9	96.4	97.0	97.2	98.0	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7445

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
A14 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3550
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	41.7	61.8	61.7	62.2	62.4	62.8	63.1	63.6	63.8	63.8	64.0	64.0	64.2	64.2	64.4	64.9
≥ 20000	44.6	64.2	65.1	65.8	66.1	66.4	66.8	67.2	67.4	67.4	67.7	67.7	67.9	67.9	68.1	68.6
IV 18000	44.6	64.2	65.1	65.8	66.1	66.4	66.8	67.2	67.4	67.4	67.7	67.7	67.9	67.9	68.1	68.6
IV 16000	44.6	64.2	65.1	65.8	66.1	66.4	66.8	67.2	67.4	67.4	67.7	67.7	67.9	67.9	68.1	68.6
IV 14000	44.1	64.4	65.3	66.0	66.3	66.7	67.0	67.4	67.7	67.7	67.9	67.9	68.1	68.1	68.3	68.8
IV 12000	44.6	65.1	66.0	66.7	67.0	67.3	67.7	68.1	68.3	68.3	68.6	68.6	68.8	68.8	69.0	69.4
IV 10000	45.3	67.0	67.9	68.6	68.9	69.2	69.6	70.0	70.2	70.2	70.4	70.4	70.7	70.7	70.9	71.3
IV 9000	45.3	67.1	68.0	68.7	69.0	69.3	69.7	70.1	70.3	70.3	70.6	70.6	70.8	70.8	71.0	71.4
IV 8000	46.8	70.1	71.0	71.7	72.0	72.3	72.7	73.1	73.3	73.3	73.6	73.6	73.8	73.8	74.0	74.4
IV 7000	47.2	71.4	72.3	73.0	73.3	73.7	74.0	74.4	74.7	74.7	74.9	74.9	75.1	75.1	75.3	75.8
IV 6000	47.7	72.6	73.4	74.1	74.4	74.8	75.1	75.6	75.8	75.8	76.0	76.0	76.2	76.2	76.4	76.9
IV 5000	48.2	73.7	74.6	75.2	75.6	75.9	76.2	76.7	76.9	76.9	77.1	77.1	77.3	77.3	77.6	78.0
IV 4500	48.2	73.9	74.8	75.4	75.8	76.1	76.4	76.9	77.1	77.1	77.3	77.3	77.6	77.6	77.8	78.2
IV 4000	48.4	74.4	75.3	76.0	76.3	76.7	77.0	77.4	77.7	77.7	77.9	77.9	78.1	78.1	78.3	78.8
IV 3500	48.8	74.8	75.7	76.3	76.7	77.0	77.3	77.8	78.0	78.0	78.2	78.2	78.4	78.4	78.7	79.1
IV 3000	49.4	75.7	76.6	77.2	77.6	77.9	78.2	78.7	78.9	78.9	79.1	79.1	79.3	79.3	79.6	80.0
IV 2500	49.7	76.0	76.9	77.6	77.9	78.2	78.6	79.0	79.2	79.2	79.4	79.4	79.7	79.7	79.9	80.3
IV 2000	49.7	76.3	77.3	78.1	78.4	78.8	79.1	79.6	79.8	79.8	80.0	80.0	80.2	80.2	80.4	80.9
IV 1800	49.7	76.4	77.4	78.2	78.6	78.9	79.2	79.7	79.9	79.9	80.1	80.1	80.3	80.3	80.6	81.0
IV 1500	50.4	78.0	79.2	80.0	80.3	80.7	81.0	81.4	81.7	81.7	81.9	81.9	82.1	82.1	82.3	82.8
IV 1200	51.1	79.8	81.2	82.3	82.4	82.8	83.1	83.6	83.9	83.8	84.0	84.0	84.2	84.2	84.4	84.9
IV 1000	51.4	80.3	81.9	82.8	83.2	83.6	84.0	84.4	84.7	84.8	85.0	85.0	85.2	85.2	85.4	85.9
IV 900	51.4	81.6	83.1	84.2	84.7	85.0	85.4	85.9	86.1	86.2	86.4	86.4	86.7	86.7	86.9	87.3
IV 800	52.3	82.7	84.2	85.7	86.2	86.6	87.0	87.4	87.7	87.8	88.0	88.0	88.2	88.2	88.4	88.9
IV 700	52.1	83.6	85.6	87.2	87.8	88.1	88.6	89.0	89.2	89.3	89.6	89.6	89.8	89.8	90.0	90.6
IV 600	52.7	84.8	87.1	88.9	89.4	89.8	90.2	90.7	90.9	91.0	91.2	91.2	91.4	91.4	91.7	92.2
IV 500	53.1	86.1	89.2	91.0	91.6	91.9	92.3	92.8	93.1	93.2	93.4	93.4	93.7	93.7	93.9	94.4
IV 400	53.1	86.4	89.9	91.9	92.9	93.3	93.8	94.2	94.6	94.7	94.9	94.9	95.1	95.1	95.3	95.9
IV 300	53.1	86.9	90.6	92.7	93.7	94.2	94.9	95.4	95.8	95.9	96.1	96.1	96.3	96.3	96.6	97.1
IV 200	53.1	86.9	90.7	92.8	93.8	94.7	96.0	96.8	97.2	97.3	97.8	97.8	98.2	98.2	98.4	99.0
IV 100	53.1	86.9	90.7	92.8	93.8	94.7	96.0	96.8	97.2	97.3	97.8	97.8	98.2	98.2	98.4	99.0
IV 0	53.1	86.9	90.7	92.8	93.8	94.7	96.0	96.8	97.2	97.3	97.8	97.8	98.2	98.2	98.4	99.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL

69-70, 73-80

APP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ .	≥ 0
NO CEILING	34.4	52.1	53.3	55.9	54.4	54.7	54.8	55.1	55.2	55.4	55.7	55.7	56.1	56.1	57.1	58.2
≥ 20000	35.7	54.8	56.1	56.7	57.3	57.6	57.7	58.1	58.2	58.4	58.7	58.7	59.2	59.3	60.3	61.4
≥ 18000	35.7	54.8	56.1	56.7	57.3	57.6	57.7	58.1	58.2	58.4	58.7	58.7	59.2	59.3	60.3	61.4
≥ 16000	35.7	54.8	56.1	56.7	57.3	57.6	57.7	58.1	58.2	58.4	58.7	58.7	59.2	59.3	60.3	61.4
≥ 14000	35.7	54.9	56.2	56.8	57.4	57.7	57.8	58.2	58.3	58.6	58.8	58.8	59.3	59.4	60.4	61.6
≥ 12000	36.0	55.6	56.9	57.4	58.1	58.3	58.4	58.9	59.	59.2	59.4	59.4	60.0	60.1	61.1	62.2
≥ 10000	37.3	59.3	59.8	60.3	61.0	61.2	61.3	61.8	61.9	62.1	62.3	62.3	62.9	63.0	64.0	65.1
≥ 9000	37.0	58.3	59.8	60.3	61.0	61.2	61.3	61.8	61.9	62.1	62.3	62.3	62.9	63.	64.0	65.1
≥ 8000	38.7	61.1	62.6	63.1	63.8	64.0	64.1	64.6	64.7	64.9	65.1	65.1	65.7	65.3	66.8	67.9
≥ 7000	39.1	61.9	63.3	63.9	64.6	64.8	64.9	65.3	65.4	65.7	65.9	65.9	66.4	66.6	67.6	69.7
≥ 6000	39.4	63.2	64.7	65.2	65.9	66.1	66.2	66.7	66.8	67.0	67.2	67.2	67.8	67.9	68.9	70.0
≥ 5000	40.4	64.6	66.1	67.0	67.8	68.0	68.1	68.6	68.7	68.9	69.1	69.1	69.7	69.8	71.8	71.9
≥ 4500	41.7	64.9	66.4	67.3	68.2	68.4	68.6	69.0	69.1	69.3	69.6	69.6	70.1	70.2	71.2	72.3
≥ 4000	41.1	65.9	67.4	68.3	69.2	69.4	69.6	70.0	70.1	70.3	70.6	70.6	71.1	71.2	72.2	73.3
≥ 3500	41.1	66.2	67.3	68.7	69.6	69.8	69.9	70.3	70.4	70.7	70.9	70.9	71.4	71.6	72.6	73.7
≥ 3000	41.3	67.2	68.2	69.7	70.6	70.8	70.9	71.3	71.4	71.7	71.9	71.9	72.4	72.6	73.6	74.7
≥ 2500	42.0	67.9	69.4	70.3	71.4	71.7	71.8	72.2	72.3	72.6	72.8	72.8	73.3	73.4	74.4	75.6
≥ 2000	42.2	68.8	70.3	71.2	72.3	72.6	72.7	73.1	73.3	73.6	73.9	73.9	74.4	74.5	75.6	76.7
≥ 1800	42.7	69.4	71.3	71.9	73.0	73.2	73.3	73.8	74.	74.2	74.6	74.6	75.2	75.3	76.3	77.4
≥ 1500	43.4	71.2	72.8	73.7	74.9	75.1	75.2	75.7	75.9	76.1	76.4	76.4	77.1	77.2	78.2	79.3
≥ 1200	43.8	72.7	74.2	75.1	76.4	76.7	76.8	77.2	77.4	77.7	78.0	78.0	78.7	78.8	79.8	80.9
≥ 1000	43.9	73.0	75.3	76.7	78.0	78.3	78.4	78.9	79.1	79.3	79.7	79.7	80.3	80.4	81.4	82.6
≥ 900	44.2	75.3	77.8	78.9	80.2	80.6	80.7	81.1	81.3	81.6	81.9	81.9	82.6	82.7	83.7	84.8
≥ 800	44.4	76.2	78.8	80.1	81.4	81.8	81.9	82.4	82.7	83.0	83.3	83.3	84.0	84.1	85.1	86.2
≥ 700	44.4	77.0	79.7	81.2	82.7	83.0	83.1	83.7	83.9	84.2	84.6	84.6	85.2	85.3	86.3	87.4
≥ 600	44.5	78.2	81.1	82.6	84.4	84.8	85.0	85.6	85.8	86.1	86.4	86.4	87.1	87.2	88.2	89.3
≥ 500	44.5	78.8	82.1	84.1	85.7	86.0	86.2	86.8	87.0	87.4	87.8	87.8	88.4	88.6	89.6	90.7
≥ 400	45.2	79.7	83.1	85.4	87.2	87.7	88.0	88.6	88.8	89.2	89.6	89.6	90.2	90.3	91.3	92.4
≥ 300	45.2	79.7	83.4	85.9	87.8	88.2	88.7	89.3	89.9	90.3	90.7	90.7	91.6	91.7	92.7	93.8
≥ 200	45.2	79.7	87.4	86.2	88.2	88.9	89.4	90.3	90.9	91.4	91.8	91.8	92.9	93.1	94.3	95.6
≥ 100	45.2	79.7	83.6	86.3	88.2	89.0	89.5	90.4	91.0	91.6	92.2	92.2	94.0	94.3	96.8	98.8
≥ 0	45.2	79.7	83.6	86.3	88.3	89.0	89.6	90.4	91.0	91.6	92.2	92.2	94.0	94.3	97.0	98.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6000-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	21.4	47.1	49.9	49.3	49.4	49.4	49.6	49.6	49.8	49.9	50.0	50.0	50.0	50.1	50.2	50.6
≥ 20000	22.0	52.2	54.6	55.1	55.2	55.3	55.4	55.4	55.7	55.8	56.0	56.0	56.1	56.3	56.8	57.3
≥ 18000	22.3	52.6	54.7	55.4	55.6	55.7	55.8	55.8	56.0	56.1	56.3	56.3	56.4	56.7	57.1	57.7
≥ 16000	22.3	52.6	54.6	55.4	55.6	55.7	55.8	55.8	56.0	56.1	56.3	56.3	56.4	56.7	57.1	57.7
≥ 14000	23.1	53.3	55.7	56.2	56.3	56.4	56.6	56.6	56.8	56.9	57.1	57.1	57.2	57.4	57.9	58.4
≥ 12000	24.1	55.0	57.3	57.9	58.0	58.1	58.2	58.2	58.4	58.6	58.8	58.8	59.0	59.2	59.7	60.2
≥ 10000	25.6	58.6	61.1	61.7	61.9	62.0	62.1	62.1	62.3	62.4	62.7	62.7	62.9	63.1	63.6	64.1
≥ 9000	25.7	58.9	61.4	62.1	62.3	62.4	62.6	62.6	62.8	62.9	63.1	63.1	63.3	63.6	64.0	64.6
≥ 8000	26.2	61.3	63.9	64.8	65.1	65.2	65.4	65.4	65.7	65.8	66.1	66.0	66.2	66.4	67.1	67.6
≥ 7000	26.7	61.9	64.4	65.3	65.7	65.8	66.0	66.0	66.2	66.3	66.6	66.6	66.8	67.1	67.6	68.1
≥ 6000	27.3	63.3	66.1	67.1	67.4	67.7	68.0	68.1	68.4	68.6	68.9	68.9	69.2	69.4	70.0	70.6
≥ 5000	27.7	64.4	67.3	68.1	68.9	69.2	69.6	69.7	70.0	70.1	70.4	70.4	70.8	71.0	71.6	72.1
≥ 4500	28.1	64.8	67.7	69.1	69.6	69.9	70.3	70.4	70.8	70.9	71.2	71.2	71.6	71.8	72.3	72.9
≥ 4000	28.3	65.4	68.4	70.0	70.6	70.9	71.4	71.6	71.9	72.0	72.3	72.3	72.7	72.9	73.4	74.0
≥ 3500	28.7	66.3	69.4	71.1	71.7	72.0	72.6	72.7	73.1	73.1	73.4	73.4	73.8	74.0	74.6	75.1
≥ 3000	29.0	66.9	70.1	71.7	72.2	72.6	73.1	73.2	73.6	73.7	74.1	74.1	74.3	74.6	75.2	75.8
≥ 2500	29.1	67.0	70.2	71.9	72.4	72.8	73.3	73.4	73.8	73.9	74.2	74.2	74.6	74.8	75.4	76.0
≥ 2000	29.4	67.6	71.0	72.6	73.1	73.4	73.9	74.1	74.4	74.5	74.8	74.8	75.2	75.6	76.2	76.8
≥ 1800	29.4	69.0	72.4	74.2	74.8	75.1	75.7	75.8	76.1	76.2	76.7	76.7	77.0	77.2	77.9	78.4
≥ 1500	30.2	71.6	75.0	75.8	77.3	77.7	78.2	78.3	78.7	78.8	79.2	79.2	79.6	79.8	80.4	81.0
≥ 1200	31.1	73.9	77.4	79.4	80.1	80.4	81.1	81.2	81.6	81.7	82.1	82.1	82.4	82.7	83.3	83.9
≥ 1000	31.3	75.4	79.1	81.1	81.9	82.2	82.9	83.0	83.3	83.6	84.0	84.0	84.3	84.6	85.2	85.8
≥ 900	31.7	76.6	80.7	82.7	83.6	84.0	84.8	85.0	85.3	85.6	86.1	86.1	86.4	86.7	87.3	87.9
≥ 800	31.7	77.2	81.3	83.4	84.3	84.8	85.8	86.0	86.3	86.6	87.1	87.1	87.4	87.7	88.3	88.9
≥ 700	31.7	77.7	82.1	84.2	85.2	85.7	86.7	86.9	87.2	87.4	88.0	88.0	88.3	88.6	89.2	89.8
≥ 600	31.7	78.3	83.1	85.4	87.1	87.7	88.8	89.0	89.3	89.6	90.2	90.2	90.6	90.8	91.4	92.0
≥ 500	31.7	78.8	83.9	86.3	88.2	88.9	90.1	90.3	90.8	91.1	91.7	91.7	92.0	92.2	92.9	93.4
≥ 400	31.7	79.8	83.9	86.6	88.4	89.3	90.8	91.0	91.9	92.2	93.1	93.1	93.6	93.8	94.4	95.0
≥ 300	31.7	78.8	83.9	86.7	88.9	89.8	91.3	91.7	92.8	93.2	94.2	94.2	94.7	94.9	95.6	96.1
≥ 200	31.7	78.8	83.9	86.7	89.0	90.0	91.6	92.0	93.1	93.6	94.7	94.8	95.7	96.1	97.1	97.9
≥ 100	31.7	78.8	83.9	86.7	89.0	90.0	91.6	92.0	93.1	93.6	94.8	94.9	96.0	96.7	98.3	99.6
≥ 0	31.7	78.8	83.9	86.7	89.0	90.0	91.6	92.0	93.1	93.6	94.8	94.9	96.0	96.7	98.3	99.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

FT PUCKER AL

STATION NAME

69-70,73-80

YEARS

APP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3-16	≥1	≥0
NO CEILING	34.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	37.1	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 18000	37.1	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	37.1	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 14000	37.4	63.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	39.1	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	41.2	73.9	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 9000	41.3	74.0	74.2	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	41.9	76.6	77.0	77.1	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	42.4	77.4	77.0	78.1	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	43.1	78.4	79.0	79.0	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	43.4	74.9	80.0	80.7	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	43.6	80.1	80.8	80.9	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	43.9	81.4	80.3	82.4	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	44.1	82.1	83.0	83.2	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	44.6	83.6	84.7	84.9	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	45.3	85.7	86.8	87.0	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	46.7	88.6	89.7	89.9	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	46.0	89.4	90.0	90.8	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	47.3	91.3	92.4	92.7	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	48.1	92.3	93.6	93.9	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	48.4	94.0	95.2	95.6	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	48.4	94.1	95.3	95.7	96.4	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	48.6	94.6	96.0	96.6	97.3	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	48.6	94.9	96.3	96.9	97.7	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	48.6	94.9	96.3	97.0	98.1	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	48.6	94.9	96.3	97.0	98.1	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	48.6	95.0	96.4	97.1	98.2	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	48.6	95.0	96.4	97.1	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	48.6	95.0	96.4	97.1	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	48.6	95.0	96.4	97.1	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	48.6	95.0	96.4	97.1	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3357
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000	58.2 43.9	57.4 69.4	57.6 69.6	57.9 69.9	58.0 70.0	58.1 70.1	58.1 70.1	58.1 70.1	58.1 70.1	58.1 70.1	58.1 70.1	58.1 70.1	58.1 70.1	58.1 70.1	58.1 70.1	58.1 70.1
≥ 18000 ≥ 16000	43.9 43.9	69.4 69.4	69.6 69.6	69.9 69.9	70.0 70.0	70.1 70.1	70.1 70.1	70.1 70.1	70.1 70.1	70.1 70.1	70.1 70.1	70.1 70.1	70.1 70.1	70.1 70.1	70.1 70.1	70.1 70.1
≥ 14000 ≥ 12000	44.3 47.6	71.4 71.9	71.6 72.0	71.9 72.3	72.0 72.4	72.1 72.6	72.1 72.6	72.1 72.6	72.1 72.6	72.1 72.6	72.1 72.6	72.1 72.6	72.1 72.6	72.1 72.6	72.1 72.6	72.1 72.6
≥ 10000 ≥ 9000	46.6 47.0	74.0 74.9	74.3 75.2	74.7 75.6	74.8 75.7	74.9 75.8	74.9 75.8	74.9 75.8	74.9 75.8	74.9 75.8	74.9 75.8	74.9 75.8	74.9 75.8	74.9 75.8	74.9 75.8	74.9 75.8
≥ 8000 ≥ 7000	47.8 49.1	77.8 78.4	78.2 79.1	78.7 79.4	78.9 79.7	79.0 79.8	79.1 79.9	79.1 79.9	79.2 80.0	79.2 80.0	79.2 80.0	79.2 80.0	79.2 80.0	79.2 80.0	79.2 80.0	79.2 80.0
≥ 6000 ≥ 5000	48.7 49.3	79.1 81.4	79.7 82.1	80.1 82.6	80.3 82.8	80.4 83.0	80.6 83.0	80.8 83.1	80.7 83.1	80.7 83.1	80.7 83.1	80.7 83.1	80.7 83.1	80.7 83.1	80.7 83.1	80.7 83.1
≥ 4500 ≥ 4000	50.0 50.6	82.1 84.1	82.8 85.0	83.2 85.6	83.4 85.9	83.6 86.0	83.7 86.1	83.7 86.1	83.8 86.2	83.8 86.2	83.8 86.2	83.8 86.2	83.8 86.2	83.8 86.2	83.8 86.2	83.8 86.2
≥ 3500 ≥ 3000	51.1 52.6	85.4 88.4	86.4 89.6	87.4 90.1	87.3 90.4	87.4 90.6	87.6 90.7	87.6 90.8	87.7 90.8	87.7 90.8	87.7 90.8	87.7 90.8	87.7 90.8	87.7 90.8	87.7 90.8	87.7 90.8
≥ 2500 ≥ 2000	53.3 53.3	90.2 92.3	91.3 93.4	91.9 94.0	92.2 94.3	92.3 94.4	92.4 94.6	92.6 94.7	92.7 94.9	92.7 94.9	92.7 94.9	92.7 94.9	92.7 94.9	92.7 94.9	92.7 94.9	92.7 94.9
≥ 1800 ≥ 1500	54.2 54.2	92.9 93.4	94.0 94.7	94.6 95.1	94.9 95.6	95.0 95.7	95.1 96.0	95.2 96.1	95.4 96.3	95.4 96.3	95.4 96.3	95.4 96.3	95.4 96.3	95.4 96.3	95.4 96.3	95.4 96.3
≥ 1200 ≥ 1000	54.6 54.7	94.7 94.9	95.6 96.0	96.3 96.7	97.0 97.4	97.1 97.6	97.6 98.1	97.9 98.4	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7
≥ 900 ≥ 800	54.7 54.7	95.1 95.1	96.1 96.2	96.9 96.9	97.6 97.7	97.7 97.8	98.2 98.3	98.6 98.7	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9
≥ 700 ≥ 600	54.7 54.7	95.1 95.1	96.2 96.2	96.9 96.9	97.7 97.8	97.8 98.0	98.3 98.6	98.7 98.9	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1
≥ 500 ≥ 400	54.7 54.7	95.2 95.3	96.3 96.4	97.0 97.1	97.9 98.1	98.1 98.3	98.8 99.0	99.1 99.4	99.3 99.7	99.3 99.8	99.3 99.8	99.3 99.8	99.3 99.8	99.3 99.8	99.3 99.8	99.3 99.8
≥ 300 ≥ 200	54.7 54.7	95.3 95.3	96.4 96.4	97.1 97.1	98.1 98.1	98.3 98.3	99.0 99.0	99.6 99.6	99.8 99.9	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0
≥ 100 ≥ 0	54.7 54.7	95.3 95.3	96.4 96.4	97.1 97.1	98.1 98.1	98.3 98.3	99.0 99.0	99.6 99.6	99.9 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 500

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL

YEARS 69-70, 73-80

MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	42.1	60.0	60.3	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥20000	47.9	73.9	74.3	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥18000	47.9	74.0	74.4	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥16000	47.9	74.0	74.4	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥14000	48.1	74.7	75.1	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥12000	49.2	76.7	77.1	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥10000	49.9	78.1	78.6	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥9000	50.0	78.6	79.0	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥8000	51.1	81.4	82.0	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥7000	51.4	82.6	83.1	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥6000	52.7	83.3	83.9	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥5000	53.7	85.3	85.9	86.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥4500	53.3	86.1	86.6	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥4000	54.7	88.2	88.6	88.9	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥3500	54.1	88.7	89.2	89.6	89.9	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥3000	54.4	89.7	90.4	91.1	91.4	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥2500	54.6	90.6	91.3	91.9	92.4	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥2000	55.0	91.9	92.4	93.3	94.0	94.2	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥1800	55.2	92.4	93.4	94.0	94.7	94.9	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥1500	55.2	92.7	93.7	94.3	95.0	95.3	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥1200	55.2	92.8	94.0	94.7	95.4	95.8	95.8	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥1000	55.2	93.0	94.4	95.1	96.1	96.4	96.4	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥900	55.2	93.0	94.4	95.2	96.2	96.6	96.6	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥800	55.2	93.3	94.4	95.6	96.6	96.9	96.9	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥700	55.2	93.6	95.1	95.9	97.1	97.4	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥600	55.2	93.6	95.2	96.1	97.3	97.7	98.0	98.3	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥500	55.2	93.7	95.3	96.1	97.4	97.8	98.1	98.4	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.2
≥400	55.2	93.8	95.4	96.2	97.7	98.1	98.4	98.9	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.7
≥300	55.2	93.8	95.4	96.2	97.7	98.1	98.4	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥200	55.2	93.8	95.4	96.2	97.7	98.1	98.4	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥100	55.2	93.8	95.4	96.2	97.7	98.1	98.4	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥0	55.2	93.8	95.4	96.2	97.7	98.1	98.4	99.0	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	47.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	52.9	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	52.9	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	52.9	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	53.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	54.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	55.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	55.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	56.2	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	56.3	83.9	86.0	85.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	57.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	58.2	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4500	58.9	89.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	59.9	91.2	91.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	59.4	91.1	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	59.9	91.8	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	60.0	92.1	93.0	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	60.3	93.1	94.2	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	60.3	93.2	94.3	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	60.3	93.6	94.7	95.3	95.7	95.7	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	61.6	94.2	95.3	96.0	96.3	96.3	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	60.6	94.2	95.4	96.1	96.4	96.4	96.7	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	61.7	94.4	95.7	96.3	96.7	96.7	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	60.7	94.6	95.7	96.7	97.0	97.0	97.2	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	60.7	94.6	95.9	96.3	97.1	97.2	97.4	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	60.7	94.6	96.0	96.9	97.3	97.4	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	60.7	94.8	96.2	97.2	97.8	97.9	98.2	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	60.9	95.0	96.4	97.6	98.1	98.2	98.6	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	60.9	95.3	96.8	97.9	98.7	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.9	95.3	96.8	97.9	98.7	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.9	95.3	96.8	97.9	98.7	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	60.9	95.3	96.8	97.9	98.7	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13800
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.4	≥0
NO CEILING	49.4	68.1	68.2	68.2	63.2	63.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	53.0	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	53.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 16000	53.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	53.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 12000	54.0	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 10000	54.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 9000	54.7	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 8000	56.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 7000	56.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 6000	57.3	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 5000	59.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4500	59.7	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4000	59.8	84.8	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 3500	59.2	85.4	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 3000	59.4	86.1	86.3	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 2500	59.9	86.8	87.0	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 2000	60.2	88.0	88.2	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1800	60.2	88.1	88.3	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1500	60.3	88.8	89.0	89.2	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1200	61.0	90.4	90.9	91.1	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
IV 1000	61.9	91.9	92.3	92.8	93.1	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6
IV 900	62.2	92.6	93.0	93.4	93.8	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
IV 800	62.4	93.3	93.9	94.3	94.7	94.8	94.9	95.0	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.3
IV 700	62.6	93.6	94.2	94.8	95.1	95.2	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.8	95.8	95.8
IV 600	62.9	94.6	95.4	96.0	96.3	96.6	96.7	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
IV 500	63.2	95.1	96.2	96.8	97.1	97.3	97.4	97.6	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0
IV 400	63.3	95.6	96.7	97.2	97.7	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6
IV 300	63.3	95.9	97.1	97.9	98.6	98.9	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8
IV 200	63.3	96.0	97.2	98.0	98.7	99.0	99.2	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 100	63.3	96.0	97.2	98.0	98.7	99.0	99.2	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	63.3	96.0	97.2	98.0	98.7	99.0	99.2	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
U. S. AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL

YEARS 69-70, 73-80

MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	38.6	58.8	59.4	59.7	59.8	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.5	60.8
≥ 20000	42.1	66.6	67.3	67.6	67.7	67.8	67.9	68.0	68.1	68.1	68.2	68.2	68.3	68.4	68.6	68.8
≥ 18000	42.2	66.7	67.4	67.7	67.8	67.9	68.0	68.1	68.2	68.2	68.3	68.3	68.4	68.5	68.7	68.9
≥ 16000	42.2	66.7	67.4	67.7	67.8	67.9	68.0	68.1	68.2	68.2	68.3	68.3	68.4	68.5	68.7	68.9
≥ 14000	42.5	67.3	68.0	68.3	68.5	68.6	68.7	68.8	68.8	68.9	69.0	69.0	69.1	69.1	69.3	69.6
≥ 12000	43.4	68.7	69.4	69.7	69.9	70.0	70.0	70.2	70.2	70.3	70.3	70.3	70.5	70.5	70.7	71.0
≥ 10000	44.4	71.0	71.8	72.1	72.3	72.4	72.5	72.6	72.7	72.7	72.8	72.8	72.9	73.0	73.2	73.4
≥ 9000	44.6	71.3	72.1	72.4	72.6	72.7	72.8	72.9	73.0	73.0	73.1	73.1	73.2	73.3	73.5	73.8
≥ 8000	45.7	74.2	75.0	75.4	75.6	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.4	76.6	76.8
≥ 7000	46.1	75.0	75.9	76.3	76.5	76.7	76.8	76.9	77.0	77.0	77.1	77.1	77.2	77.3	77.5	77.8
≥ 6000	46.7	76.3	77.1	77.5	77.8	77.9	78.1	78.2	78.3	78.3	78.4	78.4	78.6	78.6	78.8	79.1
≥ 5000	47.4	77.7	78.6	79.1	79.4	79.6	79.7	79.8	79.9	80.0	80.1	80.1	80.2	80.2	80.5	80.7
≥ 4500	47.7	78.2	79.1	79.6	79.9	80.1	80.2	80.4	80.5	80.5	80.6	80.6	80.7	80.8	81.0	81.3
≥ 4000	48.0	79.3	80.3	80.9	81.3	81.4	81.6	81.8	81.9	82.0	82.0	82.1	82.2	82.4	82.7	83.0
≥ 3500	48.3	80.4	81.1	81.7	82.1	82.3	82.4	82.6	82.7	82.7	82.8	82.8	83.0	83.0	83.2	83.5
≥ 3000	48.9	81.2	82.3	83.0	83.4	83.6	83.7	83.9	84.1	84.0	84.1	84.1	84.3	84.3	84.5	84.8
≥ 2500	49.2	82.0	83.3	83.9	84.4	84.6	84.8	84.9	85.1	85.1	85.2	85.2	85.3	85.3	85.6	85.8
≥ 2000	49.6	83.4	84.7	85.4	85.9	86.1	86.3	86.5	86.6	86.7	86.8	86.8	86.9	87.0	87.2	87.5
≥ 1800	49.8	83.9	85.2	85.9	86.4	86.6	86.8	86.9	87.1	87.1	87.3	87.3	87.4	87.5	87.7	88.0
≥ 1500	50.2	85.1	86.4	87.1	87.7	87.9	88.1	88.3	88.4	88.5	88.6	88.6	88.8	88.8	89.0	89.3
≥ 1200	50.7	86.3	87.8	88.6	89.2	89.4	89.7	89.9	90.1	90.1	90.3	90.3	90.4	90.5	90.7	91.0
≥ 1000	50.9	87.2	88.8	89.6	90.3	90.5	90.8	91.1	91.3	91.4	91.5	91.5	91.7	91.7	92.0	92.2
≥ 900	51.1	87.8	89.5	90.4	91.1	91.4	91.7	92.0	92.2	92.3	92.4	92.4	92.6	92.6	92.8	93.1
≥ 800	51.2	88.4	90.1	91.2	91.9	92.2	92.5	92.8	93.1	93.1	93.3	93.3	93.4	93.5	93.7	94.0
≥ 700	51.2	88.7	90.6	91.7	92.5	92.8	93.2	93.5	93.7	93.8	93.9	93.9	94.1	94.2	94.4	94.7
≥ 600	51.4	89.3	91.3	92.5	93.5	93.8	94.2	94.5	94.7	94.8	95.0	95.0	95.2	95.2	95.4	95.7
≥ 500	51.5	89.7	92.0	93.2	94.2	94.6	95.1	95.4	95.6	95.7	95.9	95.9	96.1	96.2	96.4	96.7
≥ 400	51.6	89.9	92.3	93.6	94.8	95.2	95.8	96.1	96.4	96.6	96.8	96.8	97.0	97.0	97.3	97.5
≥ 300	51.6	90.1	92.5	93.9	95.2	95.7	96.3	96.7	97.1	97.3	97.5	97.5	97.8	97.8	98.0	98.3
≥ 200	51.6	90.1	92.5	94.0	95.3	95.8	96.5	97.1	97.5	97.7	98.0	98.0	98.3	98.4	98.8	99.1
≥ 100	51.6	90.1	92.6	94.0	95.3	95.9	96.6	97.1	97.5	97.7	98.0	98.1	98.5	98.7	99.3	99.7
≥ 0	51.6	90.1	92.6	94.0	95.3	95.9	96.6	97.1	97.5	97.7	98.0	98.1	98.5	98.7	99.3	99.7

TOTAL NUMBER OF OBSERVATIONS 7260

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3.5°
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	34.5	59.8	61.7	62.9	63.5	63.8	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.5
≥ 20000	36.6	63.7	65.8	67.1	67.7	68.0	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.9
≥ 18000	36.6	63.7	65.8	67.1	67.7	68.0	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.9
≥ 16000	36.6	63.7	65.8	67.1	67.7	68.0	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.9
≥ 14000	37.1	64.4	66.6	67.8	68.5	68.7	69.0	69.4	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.7
≥ 12000	37.5	64.8	67.0	68.3	68.9	69.1	69.5	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.1
≥ 10000	39.5	67.7	70.0	71.3	72.0	72.3	72.6	72.9	72.9	73.0	73.0	73.0	73.0	73.2	73.2	73.3
≥ 9000	39.6	68.3	70.5	71.8	72.6	72.8	73.1	73.4	73.4	73.5	73.5	73.5	73.5	73.8	73.8	73.9
≥ 8000	41.1	70.5	72.9	74.4	75.2	75.4	75.7	76.0	76.0	76.1	76.1	76.1	76.1	76.3	76.3	76.5
≥ 7000	41.6	72.3	74.8	76.3	77.1	77.3	77.6	78.0	78.0	78.1	78.1	78.1	78.1	78.3	78.3	78.4
≥ 6000	42.0	73.8	76.5	78.2	78.9	79.1	79.5	79.8	79.8	79.9	79.9	79.9	79.9	80.1	80.1	80.2
≥ 5000	43.0	75.2	77.8	79.8	80.5	80.8	81.1	81.5	81.5	81.6	81.6	81.6	81.6	81.8	81.9	82.0
≥ 4500	43.1	75.7	78.4	80.3	81.1	81.3	81.6	82.0	82.0	82.1	82.2	82.2	82.2	82.4	82.4	82.5
≥ 4000	43.4	76.6	79.2	81.2	82.0	82.4	82.7	83.1	83.1	83.2	83.2	83.2	83.2	83.4	83.4	83.5
≥ 3500	43.7	76.9	79.6	81.5	82.4	82.7	83.0	83.4	83.4	83.5	83.5	83.5	83.5	83.8	83.8	83.9
≥ 3000	43.7	77.5	80.3	82.3	83.1	83.4	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.5	84.5	84.6
≥ 2500	43.9	77.8	80.6	82.8	83.7	84.0	84.3	84.7	84.7	84.8	84.8	84.8	84.8	85.1	85.1	85.2
≥ 2000	44.2	78.8	81.7	83.9	84.7	85.1	85.4	85.8	85.8	85.9	85.9	85.9	85.9	86.1	86.1	86.2
≥ 1800	44.4	79.0	81.9	84.1	84.9	85.3	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.3	86.3	86.5
≥ 1500	44.7	79.0	83.1	85.3	86.2	86.6	86.9	87.3	87.3	87.4	87.4	87.4	87.4	87.6	87.6	87.7
≥ 1200	45.6	82.6	85.7	88.2	89.1	89.5	89.8	90.2	90.2	90.3	90.4	90.4	90.4	90.6	90.6	90.8
≥ 1000	45.9	83.2	86.3	88.8	89.9	90.2	90.5	91.0	91.0	91.1	91.2	91.2	91.2	91.4	91.4	91.5
≥ 900	46.6	84.8	88.0	90.5	91.8	92.2	92.5	92.9	92.9	93.1	93.1	93.1	93.1	93.3	93.3	93.4
≥ 800	46.9	85.6	88.7	91.4	92.7	93.0	93.3	93.8	93.8	93.9	94.0	94.0	94.0	94.2	94.2	94.3
≥ 700	46.9	86.9	90.0	92.8	94.1	94.4	94.7	95.2	95.2	95.3	95.4	95.4	95.4	95.6	95.6	95.7
≥ 600	47.3	87.5	90.7	93.5	94.8	95.2	95.5	95.9	95.9	96.0	96.1	96.1	96.1	96.3	96.3	96.5
≥ 500	47.3	88.1	91.3	94.2	95.5	95.8	96.1	96.7	96.7	96.8	96.9	96.9	96.9	97.1	97.1	97.2
≥ 400	47.3	88.2	91.7	94.8	96.1	96.5	96.8	97.3	97.3	97.4	97.5	97.5	97.5	97.7	97.7	97.8
≥ 300	47.3	88.3	91.8	95.2	96.6	97.0	97.3	97.8	97.8	98.0	98.1	98.1	98.1	98.3	98.3	98.5
≥ 200	47.3	88.5	92.0	95.5	97.0	97.5	97.8	98.4	98.4	98.5	98.6	98.6	98.6	98.8	98.9	99.1
≥ 100	47.3	88.5	92.0	95.5	97.0	97.5	97.8	98.4	98.4	98.7	98.8	98.8	98.8	99.0	99.1	99.5
≥ 0	47.3	88.5	92.0	95.5	97.0	97.5	97.8	98.4	98.4	98.7	98.8	98.8	98.8	99.0	99.1	99.5

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13850
STATION

FT RUCKER AL
STATION NAME

69-71, 73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	23.4	44.2	47.7	50.3	53.0	54.0	55.1	55.8	56.2	56.5	56.8	56.8	57.4	57.6	58.2	58.9
≥ 20000	25.1	47.3	51.3	54.1	56.9	57.8	59.1	60.1	60.5	60.8	61.1	61.1	61.8	62.2	62.8	63.5
≥ 18000	25.1	47.3	51.3	54.1	56.9	57.8	59.1	60.1	60.5	60.8	61.1	61.1	61.8	62.2	62.8	63.5
≥ 16000	25.1	47.3	51.3	54.1	56.9	57.8	59.1	60.1	60.5	60.8	61.1	61.1	61.8	62.2	62.8	63.5
≥ 14000	25.4	47.6	51.6	54.4	57.2	58.2	59.5	60.4	60.9	61.1	61.4	61.4	62.2	62.5	63.1	63.9
≥ 12000	25.7	48.1	52.1	54.8	57.6	58.6	59.9	60.9	61.3	61.5	61.8	61.8	62.6	62.9	63.5	64.3
≥ 10000	27.3	50.9	54.8	57.7	60.9	62.0	63.3	64.3	64.7	64.9	65.3	65.3	66.0	66.3	67.0	67.7
≥ 9000	27.7	51.8	55.8	58.7	61.8	63.0	64.3	65.3	65.7	65.9	66.2	66.2	67.0	67.3	68.0	68.7
≥ 8000	28.7	53.9	57.8	60.8	64.0	65.2	66.5	67.7	68.2	68.4	68.7	68.7	69.6	69.9	70.5	71.3
≥ 7000	29.4	55.4	59.4	62.5	65.7	66.9	68.4	69.7	70.2	70.4	70.8	71.8	71.6	71.9	72.6	73.3
≥ 6000	29.3	57.0	61.1	64.3	67.5	68.7	70.2	71.5	72.4	72.6	72.9	72.9	73.8	74.1	74.7	75.5
≥ 5000	30.0	57.8	62.3	65.6	68.8	70.0	71.4	72.9	73.8	74.0	74.3	74.3	75.2	75.5	76.1	76.9
≥ 4500	30.1	58.2	62.6	65.9	69.1	70.3	71.9	73.2	74.1	74.3	74.6	74.6	75.5	75.8	76.5	77.2
≥ 4000	30.2	59.2	64.4	67.7	71.0	72.2	73.8	75.1	75.9	76.1	76.5	76.5	77.3	77.6	78.3	79.0
≥ 3500	30.8	60.0	64.5	67.8	71.1	72.3	73.9	75.2	76.1	76.2	76.6	76.6	77.4	77.7	78.4	79.1
≥ 3000	30.9	60.2	64.8	68.2	71.5	72.7	74.3	75.7	76.6	76.8	77.1	77.1	78.0	78.3	78.9	79.7
≥ 2500	30.9	60.3	64.9	68.3	71.6	72.9	74.5	75.9	76.8	77.1	77.3	77.3	78.2	78.5	79.1	79.9
≥ 2000	31.2	61.0	65.8	69.1	72.5	74.0	75.6	77.1	78.1	78.3	78.6	78.6	79.5	79.8	80.4	81.2
≥ 1800	31.3	61.2	66.0	69.4	72.7	74.2	75.8	77.3	78.2	78.5	78.8	78.8	79.7	80.0	80.6	81.4
≥ 1500	31.4	61.8	66.8	70.2	73.8	75.3	76.9	78.4	79.2	79.6	79.9	79.9	80.9	81.2	81.8	82.6
≥ 1200	31.7	63.4	68.6	72.0	75.6	77.1	78.7	80.3	81.2	81.5	81.9	81.8	82.8	83.1	83.8	84.5
≥ 1000	32.1	64.7	70.0	73.4	77.1	78.6	80.3	82.0	82.9	83.3	83.7	83.7	84.6	84.9	85.6	86.3
≥ 900	32.3	65.9	71.2	74.8	78.6	80.1	81.8	83.5	84.4	84.8	85.2	85.2	86.1	86.5	87.1	87.8
≥ 800	32.8	67.0	72.5	76.2	80.0	81.5	83.3	85.3	86.1	86.7	87.0	87.0	88.0	88.3	88.9	89.7
≥ 700	32.8	68.3	73.4	77.3	81.2	82.7	84.6	86.6	87.4	88.0	88.3	88.3	89.2	89.6	90.2	91.0
≥ 600	33.2	68.9	74.7	78.7	82.6	84.1	86.0	88.0	88.8	89.4	89.7	89.7	90.6	91.0	91.6	92.4
≥ 500	33.2	69.4	75.3	79.6	83.7	85.4	87.4	89.4	90.2	90.8	91.1	91.1	92.0	92.5	93.1	93.9
≥ 400	33.2	69.6	75.5	79.9	84.1	86.0	88.0	90.2	91.1	91.6	91.9	92.0	93.0	93.4	94.1	94.8
≥ 300	33.2	69.8	75.7	80.1	84.5	86.6	88.8	91.1	92.1	92.7	93.0	93.1	94.1	94.7	95.4	96.3
≥ 200	33.2	69.8	75.7	80.1	84.5	86.7	88.9	91.2	92.6	93.3	93.9	94.0	95.3	95.9	96.8	98.1
≥ 100	33.2	69.8	75.7	80.1	84.5	86.7	88.9	91.4	92.3	93.7	94.2	94.3	95.8	96.5	97.3	98.8
≥ 0	33.2	69.8	75.7	80.1	84.5	86.7	88.9	91.4	92.3	93.7	94.2	94.3	95.8	96.5	97.4	98.8

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
7850

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-6800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	15.3	38.7	43.4	47.0	49.5	50.2	50.8	51.0	51.4	51.4	51.5	51.5	51.6	51.8	51.9	52.0
≥ 20000	15.7	43.4	49.4	52.6	55.2	56.2	57.0	57.3	57.7	57.8	58.2	58.2	58.4	58.8	58.9	59.0
≥ 18000	16.9	43.5	49.5	52.7	55.3	56.3	57.1	57.4	57.8	58.0	58.3	58.3	58.5	58.9	59.0	59.1
≥ 16000	16.9	43.5	49.5	52.7	55.3	56.3	57.1	57.4	57.8	58.0	58.3	58.3	58.5	58.9	59.0	59.1
≥ 14000	16.8	43.7	49.6	52.8	55.4	56.5	57.2	57.5	58.0	58.1	58.4	58.4	58.6	59.0	59.1	59.2
≥ 12000	16.9	43.7	51.2	54.4	57.0	58.1	58.8	59.1	59.6	59.7	60.0	60.0	60.2	60.5	60.8	60.9
≥ 10000	18.5	48.3	54.6	58.0	60.6	61.7	62.5	62.8	63.3	63.4	63.8	63.8	64.0	64.4	64.5	64.6
≥ 9000	19.7	49.7	55.1	58.4	61.1	62.2	62.9	63.2	63.8	63.9	64.2	64.2	64.4	64.8	64.9	65.1
≥ 8000	19.7	50.9	57.2	60.8	63.8	64.8	65.6	66.1	66.7	66.9	67.2	67.2	67.4	67.8	68.1	68.2
≥ 7000	19.7	51.6	59.2	61.7	64.8	65.9	66.7	67.2	67.8	68.1	68.4	68.4	68.6	69.0	69.2	69.4
≥ 6000	19.7	52.2	59.1	62.7	66.0	67.1	67.8	68.4	69.0	69.2	69.6	69.6	69.8	70.2	70.4	70.5
≥ 5000	19.7	52.5	59.1	63.7	67.1	68.2	68.9	69.5	70.1	70.3	70.6	70.6	70.9	71.3	71.5	71.6
≥ 4500	19.7	52.7	59.1	63.9	67.3	68.5	69.2	69.8	70.4	70.6	71.0	71.0	71.2	71.6	71.8	71.9
≥ 4000	19.9	53.7	61.9	65.1	68.5	69.7	70.4	71.0	71.6	71.8	72.2	72.2	72.4	72.8	73.0	73.1
≥ 3500	19.9	53.7	61.9	65.3	68.7	69.9	70.6	71.2	71.8	72.1	72.4	72.4	72.6	73.0	73.2	73.3
≥ 3000	20.1	54.3	61.7	66.0	69.5	70.6	71.4	71.9	72.6	72.8	73.1	73.1	73.3	73.7	74.0	74.1
≥ 2500	20.2	54.5	61.9	66.2	69.7	70.9	71.7	72.4	73.1	73.2	73.5	73.5	73.8	74.2	74.4	74.5
≥ 2000	20.2	55.7	63.3	67.7	71.2	72.7	73.5	74.2	74.8	75.1	75.4	75.4	75.6	76.0	76.2	76.3
≥ 1800	20.2	55.9	63.7	68.1	71.5	73.0	73.9	74.5	75.2	75.4	75.7	75.7	75.9	76.3	76.6	76.7
≥ 1500	21.1	57.1	65.2	69.6	73.0	74.5	75.5	76.1	76.8	77.0	77.3	77.3	77.5	78.0	78.2	78.3
≥ 1200	21.3	60.2	68.4	73.3	76.9	78.4	79.5	80.1	80.8	81.0	81.4	81.4	81.6	82.0	82.3	82.4
≥ 1000	22.2	61.7	70.1	75.6	79.1	80.6	81.7	82.4	83.0	83.2	83.7	83.7	83.9	84.3	84.5	84.6
≥ 900	22.7	63.5	72.3	77.7	81.4	82.9	84.0	84.6	85.3	85.5	85.9	85.9	86.1	86.6	86.8	86.9
≥ 800	22.7	64.7	73.4	79.0	82.9	84.4	85.5	86.1	86.8	87.0	87.4	87.4	87.6	88.1	88.3	88.4
≥ 700	22.3	65.6	74.5	81.4	84.4	85.9	87.1	87.7	88.5	88.7	89.1	89.1	89.4	89.8	90.0	90.1
≥ 600	22.3	66.5	75.6	81.6	85.9	87.5	88.7	89.8	90.8	91.0	91.4	91.4	91.6	92.0	92.3	92.4
≥ 500	22.8	66.8	76.0	82.3	86.7	88.7	89.9	91.2	92.2	92.4	92.8	92.8	93.0	93.4	93.7	93.8
≥ 400	22.3	66.8	76.3	82.6	87.1	89.4	90.9	92.3	93.4	93.7	94.1	94.1	94.4	94.8	95.1	95.2
≥ 300	22.3	66.9	76.6	82.8	87.4	89.7	91.1	92.8	94.1	94.3	94.8	94.8	95.2	95.7	95.9	96.0
≥ 200	22.3	67.0	76.7	83.1	87.7	90.2	91.6	93.3	94.8	95.2	95.7	95.7	96.0	96.5	97.0	97.8
≥ 100	22.3	67.0	76.7	83.1	87.7	90.2	91.6	93.5	95.1	95.4	96.0	96.0	96.3	97.5	98.2	99.4
≥ 0	22.3	67.0	76.7	83.1	87.7	90.2	91.6	93.5	95.1	95.4	96.0	96.0	96.3	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

385L
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	26.3	54.8	56.0	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	29.7	63.5	65.2	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	29.7	63.9	65.5	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	29.7	63.9	65.5	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	29.9	64.4	66.0	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 12000	30.1	65.2	66.8	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	31.6	69.1	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	31.8	69.6	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	32.9	72.9	74.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	33.0	73.3	75.1	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	33.1	74.3	76.3	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	33.2	75.3	77.5	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	33.4	75.7	78.1	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	33.4	76.5	78.8	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	33.7	77.3	79.7	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	34.7	80.1	82.6	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500	36.5	82.9	85.4	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	37.2	84.8	87.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	37.4	86.1	89.3	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	38.4	88.4	91.5	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	38.6	90.4	93.8	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	38.7	91.9	94.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	38.7	91.1	94.5	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	38.8	91.6	95.1	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	38.9	91.8	95.4	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	38.9	92.0	95.7	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	38.9	92.2	95.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	38.9	92.2	95.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	38.9	92.2	95.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	38.9	92.2	95.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100	38.9	92.2	95.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0	38.9	92.2	95.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL

69-70, 73-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	30.1	53.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	36.9	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	36.9	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	37.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	37.2	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	37.5	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	39.9	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	40.5	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	41.3	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000	41.5	77.6	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	41.6	79.9	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	42.7	80.6	81.3	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	42.5	81.4	82.0	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	44.0	84.3	85.3	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	45.6	86.3	87.5	88.2	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	46.3	88.8	89.7	90.9	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	46.5	90.5	92.1	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	47.2	92.5	94.1	94.8	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	47.5	93.2	94.8	95.6	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	47.7	94.2	95.7	96.6	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	47.8	94.5	96.7	97.0	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	48.1	94.8	96.6	97.3	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	48.2	95.1	96.8	97.5	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 800	48.3	95.3	97.0	97.7	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 700	48.3	95.3	97.0	97.7	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 600	48.3	95.4	97.2	98.0	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6
≥ 500	48.3	95.4	97.2	98.0	98.8	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8
≥ 400	48.4	95.5	97.3	98.1	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 300	48.4	95.5	97.3	98.1	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 200	48.4	95.5	97.3	98.1	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 100	48.4	95.5	97.3	98.1	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 0	48.4	95.5	97.3	98.1	98.9	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION
FT RUCKER AL

STATION NAME

69-70, 73-8

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	31.9	54.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	39.7	68.7	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 18000	39.7	68.7	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 16000	39.9	69.9	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 14000	40.3	71.0	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 12000	40.4	72.0	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 10000	44.1	78.4	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 9000	44.4	79.0	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 8000	45.8	82.3	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 7000	46.5	83.0	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 6000	47.1	85.2	86.1	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 5000	47.7	86.7	86.2	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 4500	48.5	87.7	89.2	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 4000	49.5	89.9	91.7	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3500	49.9	90.4	92.5	93.8	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3000	50.4	91.8	93.9	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2500	51.0	92.4	94.5	95.9	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2000	51.2	93.3	95.5	96.9	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	51.4	93.8	95.9	97.3	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	51.4	93.9	96.0	97.4	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	51.0	94.0	96.2	97.6	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	51.8	94.3	96.6	98.0	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	51.8	94.3	96.7	98.1	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	51.7	94.4	96.8	98.2	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	51.9	94.6	97.0	98.4	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	51.5	94.6	97.0	98.4	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	51.9	94.6	97.0	98.4	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	51.9	94.6	97.0	98.4	98.9	99.1	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	51.9	94.6	97.0	98.4	99.0	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	51.9	94.6	97.0	98.4	99.0	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	51.9	94.6	97.0	98.4	99.0	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	51.9	94.6	97.0	98.4	99.0	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL

69-70, 73-80 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	34.3	56.7	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	41.1	71.6	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	41.1	70.6	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000	41.3	70.9	71.5	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	41.6	71.8	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	42.4	73.7	74.4	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	43.5	76.9	77.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	43.9	77.4	78.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000	45.3	80.5	81.5	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	45.7	81.6	82.7	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	46.5	84.3	85.8	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	47.4	85.3	87.1	88.7	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	48.1	86.2	89.1	89.8	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	48.4	87.7	89.8	91.6	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	48.6	88.3	91.3	92.2	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	48.9	89.1	91.2	93.1	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	49.6	90.2	92.3	94.1	94.7	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	49.7	91.0	93.0	94.8	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	49.8	91.2	93.2	95.1	95.7	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	49.9	91.4	93.4	95.5	96.1	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	50.0	91.7	93.9	95.9	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	51.2	92.0	94.3	96.3	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	50.2	92.2	94.4	96.5	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	50.2	92.5	94.7	96.6	97.5	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	50.2	93.0	95.3	97.3	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	50.3	93.2	95.5	97.5	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	50.4	93.3	95.6	97.8	98.7	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	50.4	93.4	95.7	98.0	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	50.4	93.4	95.7	98.0	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	51.4	93.5	95.8	98.1	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	51.4	93.5	95.8	98.1	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	51.4	93.5	95.8	98.1	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

395
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.5	65.2	65.5	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	42.6	72.7	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 18000	42.6	72.7	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 16000	42.6	72.7	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	43.0	73.5	74.0	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	43.1	74.0	74.4	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	44.3	76.8	77.3	77.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 9000	44.4	77.4	77.9	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 8000	46.4	80.3	81.0	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	47.4	81.5	82.2	82.7	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	48.2	83.8	84.4	84.9	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	48.7	85.2	86.0	86.7	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	49.2	86.0	86.9	87.5	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	50.0	88.0	88.6	89.5	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	50.3	88.6	89.5	90.1	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	50.4	89.4	90.2	90.9	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	50.4	89.5	90.4	91.1	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	50.5	90.3	91.3	91.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	51.1	90.9	91.8	92.5	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	51.6	91.8	92.8	93.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	52.2	92.9	93.9	94.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	52.6	93.7	94.6	95.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	52.7	94.1	95.1	95.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	52.8	94.4	95.5	96.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	52.8	94.9	96.0	96.9	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	53.1	95.7	96.8	97.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	53.2	95.8	97.1	98.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	53.2	96.0	97.5	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	53.2	96.1	97.6	98.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	53.2	96.2	97.7	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	53.2	96.2	97.7	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.2	96.2	97.7	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	29.5	53.5	55.2	56.2	56.9	57.2	57.4	57.6	57.7	57.7	57.8	57.8	57.9	57.9	58.0	58.2
≥20000	33.5	62.2	64.2	65.3	66.1	66.4	66.7	66.9	67.1	67.1	67.1	67.1	67.2	67.3	67.4	67.6
≥18000	33.5	62.3	64.3	65.4	66.1	66.5	66.7	66.9	67.1	67.1	67.2	67.2	67.3	67.4	67.5	67.6
≥16000	33.6	62.3	64.3	65.4	66.2	66.5	66.8	67.0	67.1	67.2	67.3	67.3	67.4	67.5	67.6	67.7
≥14000	33.9	63.0	65.0	66.1	66.8	67.2	67.4	67.6	67.8	67.8	67.9	67.9	68.0	68.1	68.2	68.3
≥12000	34.1	64.0	66.0	67.1	67.9	68.2	68.5	68.7	68.8	68.9	68.9	68.9	69.1	69.2	69.3	69.4
≥10000	36.1	67.7	69.8	71.0	71.9	72.2	72.5	72.7	72.8	72.9	73.0	73.0	73.1	73.2	73.3	73.5
≥9000	36.5	68.3	70.4	71.6	72.5	72.8	73.1	73.3	73.5	73.5	73.6	73.6	73.7	73.8	73.9	74.1
≥8000	37.7	71.1	73.2	74.5	75.5	75.8	76.1	76.4	76.5	76.6	76.7	76.7	76.8	76.9	77.0	77.2
≥7000	38.1	72.1	74.3	75.7	76.7	77.0	77.4	77.6	77.8	77.8	77.9	77.9	78.1	78.2	78.3	78.4
≥6000	38.5	73.7	76.1	77.6	78.7	79.0	79.4	79.6	79.8	79.9	80.0	80.0	80.1	80.2	80.3	80.5
≥5000	39.0	74.8	77.5	79.1	80.2	80.6	81.0	81.3	81.4	81.5	81.6	81.6	81.7	81.8	82.0	82.1
≥4500	39.3	75.5	78.1	79.8	80.9	81.3	81.7	81.9	82.1	82.2	82.3	82.3	82.4	82.5	82.6	82.8
≥4000	39.9	77.1	79.9	81.7	82.9	83.3	83.7	84.0	84.1	84.2	84.3	84.3	84.4	84.5	84.7	84.8
≥3500	40.3	77.7	80.6	82.4	83.6	84.1	84.4	84.7	84.9	85.0	85.1	85.1	85.2	85.3	85.4	85.6
≥3000	40.7	78.9	81.9	83.7	85.0	85.4	85.8	86.1	86.3	86.4	86.4	86.4	86.6	86.7	86.8	86.9
≥2500	41.1	79.8	82.8	84.7	85.9	86.4	86.8	87.1	87.3	87.4	87.4	87.4	87.6	87.7	87.8	87.9
≥2000	41.5	80.9	84.0	86.0	87.3	87.8	88.3	88.6	88.8	88.9	89.0	89.0	89.1	89.2	89.3	89.5
≥1800	41.7	81.4	84.6	86.5	87.8	88.4	88.8	89.1	89.3	89.4	89.5	89.5	89.7	89.7	89.9	90.0
≥1500	42.1	82.3	85.6	87.6	89.0	89.5	89.9	90.3	90.5	90.6	90.6	90.6	90.8	90.9	91.0	91.2
≥1200	42.4	83.7	87.1	89.2	90.6	91.2	91.6	92.0	92.2	92.3	92.4	92.4	92.6	92.7	92.8	92.9
≥1000	42.7	84.4	87.8	90.1	91.5	92.1	92.5	92.9	93.1	93.2	93.3	93.3	93.5	93.6	93.7	93.9
≥900	42.9	85.1	88.6	90.9	92.4	93.0	93.4	93.8	94.0	94.1	94.2	94.2	94.4	94.5	94.7	94.8
≥800	43.0	85.7	89.2	91.6	93.1	93.7	94.2	94.6	94.8	94.9	95.1	95.1	95.3	95.3	95.5	95.6
≥700	43.1	86.3	89.8	92.3	93.9	94.5	95.0	95.4	95.7	95.8	95.9	95.9	96.1	96.2	96.3	96.4
≥600	43.2	86.7	90.4	92.9	94.5	95.1	95.7	96.2	96.5	96.6	96.7	96.7	96.9	97.0	97.1	97.2
≥500	43.3	86.9	90.7	93.3	95.0	95.7	96.2	96.8	97.1	97.2	97.3	97.4	97.6	97.7	97.8	97.9
≥400	43.3	87.0	90.9	93.5	95.2	96.0	96.6	97.2	97.6	97.7	97.8	97.8	98.0	98.2	98.3	98.4
≥300	43.3	87.1	91.1	93.6	95.4	96.2	96.8	97.5	97.9	98.0	98.1	98.2	98.4	98.5	98.7	98.8
≥200	43.3	87.2	91.1	93.7	95.5	96.4	97.0	97.6	98.1	98.3	98.5	98.5	98.8	99.0	99.2	99.4
≥100	43.3	87.2	91.1	93.7	95.5	96.4	97.0	97.7	98.2	98.4	98.6	98.6	98.9	99.1	99.4	99.7
≥0	43.3	87.2	91.1	93.7	95.5	96.4	97.0	97.7	98.2	98.4	98.6	98.6	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC

FORM
JUL 64

0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03550
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5-16	≥¼	≥0
NO CEILING ≥ 20000	33.7 47.8	74.8 79.9	76.2 81.4	76.9 82.4	77.3 83.0	77.6 83.2	77.9 83.6	78.0 83.7	78.3 84.0	78.3 84.0	78.3 84.0	78.4 84.1	78.9 84.6	79.1 84.8	79.3 85.0	79.3 85.0
IV 18000 16000	40.8 40.8	79.9 79.9	81.4 81.4	82.4 82.4	83.0 83.0	83.2 83.2	83.6 83.6	83.7 83.7	84.0 84.0	84.0 84.0	84.0 84.0	84.1 84.1	84.6 84.6	84.8 84.8	85.0 85.0	85.0 85.0
IV 14000 12000	40.9 41.3	80.1 81.0	81.7 82.6	82.7 83.7	83.2 84.2	83.4 84.4	83.8 84.8	83.9 84.9	84.2 85.2	84.2 85.2	84.2 85.4	84.3 85.6	84.8 86.0	85.0 86.2	85.2 86.6	85.2 86.6
IV 10000 9000	42.6 43.0	84.1 84.4	85.7 86.4	86.8 87.6	87.4 88.2	87.8 88.6	88.1 88.9	88.2 89.0	88.6 89.3	88.6 89.3	88.8 89.6	88.9 89.7	89.3 90.1	89.6 90.3	89.9 90.7	89.9 90.7
IV 8000 7000	43.4 43.4	85.8 85.9	87.4 87.6	88.9 89.0	89.8 89.9	90.1 90.2	90.4 90.6	90.6 90.7	90.9 91.0	90.9 91.0	91.1 91.2	91.2 91.3	91.7 91.8	91.9 92.1	92.2 92.3	92.2 92.3
IV 6000 5000	43.8 43.8	87.0 87.3	88.7 89.0	90.1 90.4	91.0 91.3	91.3 91.7	91.7 92.0	91.8 92.1	92.1 92.4	92.1 92.4	92.3 92.7	92.4 92.8	92.9 93.1	93.1 93.6	93.4 93.8	93.4 93.8
IV 4500 4000	43.9 43.9	87.7 88.2	89.3 89.9	90.8 91.3	91.7 92.2	92.0 92.6	92.3 92.9	92.4 93.0	92.8 93.3	92.8 93.3	93.0 93.6	93.1 93.7	93.6 94.1	93.8 94.3	94.1 94.7	94.1 94.7
IV 3500 3000	44.0 44.1	88.3 88.4	90.0 90.2	91.4 91.7	92.3 92.6	92.7 92.9	93.0 93.2	93.1 93.3	93.4 93.7	93.4 93.7	93.7 93.9	93.8 94.0	94.2 94.4	94.4 94.7	94.8 95.0	94.8 95.0
IV 2500 2000	44.1 44.3	88.7 89.0	90.6 90.9	92.0 92.3	92.9 93.2	93.2 93.6	93.6 93.9	93.7 94.0	94.0 94.3	94.0 94.3	94.2 94.6	94.3 94.7	94.8 95.1	95.0 95.3	95.3 95.7	95.3 95.7
IV 1800 1500	44.3 44.3	89.1 89.2	91.2 91.6	92.7 93.0	93.6 93.9	93.9 94.2	94.2 94.6	94.4 94.8	94.8 95.1	94.8 95.1	95.1 95.3	95.1 95.4	95.6 95.9	95.8 96.1	96.1 96.4	96.1 96.4
IV 1200 1000	44.3 44.3	89.6 89.8	91.8 92.1	93.2 93.4	94.1 94.3	94.4 94.7	94.8 95.0	95.0 95.2	95.3 95.6	95.3 95.6	95.6 95.8	95.7 95.9	96.1 96.3	96.3 96.6	96.7 96.9	96.7 96.9
IV 900 800	44.4 44.4	89.9 90.2	92.1 92.4	93.6 94.1	94.4 95.0	94.3 95.3	95.1 95.7	95.3 95.9	95.7 96.2	95.7 96.2	95.9 96.4	96.0 96.6	96.4 97.0	96.7 97.2	97.0 97.6	97.0 97.6
IV 700 600	44.4 44.4	90.3 90.4	92.6 92.8	94.2 94.4	95.1 95.3	95.4 95.7	95.8 96.0	96.0 96.3	96.3 96.7	96.3 96.7	96.6 96.9	96.7 97.0	97.1 97.4	97.3 97.7	97.7 98.0	97.7 98.0
IV 500 400	44.4 44.4	90.6 90.9	93.2 93.4	94.9 95.2	95.8 96.2	96.1 96.6	96.4 96.9	96.8 97.2	97.1 97.6	97.1 97.6	97.3 97.8	97.4 97.9	97.7 98.3	97.9 98.6	98.1 98.9	98.4 98.9
IV 300 200	44.4 44.4	91.0 91.4	93.7 94.1	95.3 95.9	96.3 96.9	96.7 97.2	97.0 97.6	97.3 97.9	97.7 98.2	97.7 98.3	97.9 98.6	98.0 98.7	98.3 99.2	98.6 99.4	99.1 99.8	99.1 99.8
IV 100 0	44.4 44.4	91.4 91.4	94.1 94.1	95.9 95.9	96.9 96.9	97.2 97.2	97.6 97.6	97.9 97.9	98.2 98.3	98.3 98.3	98.6 98.6	98.7 98.7	99.2 99.3	99.4 99.6	99.8 99.9	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-1500
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	21.1	52.3	57.3	65.5	63.8	64.4	66.0	66.5	66.7	67.5	68.0	68.0	68.5	68.5	69.0	69.6
≥ 20000	22.6	58.2	64.3	68.5	72.2	72.7	74.7	75.5	75.8	76.6	77.1	77.1	77.6	77.6	78.2	78.9
≥ 18000	22.6	58.2	64.3	68.5	72.2	72.7	74.7	75.5	75.8	76.6	77.1	77.1	77.6	77.6	78.2	78.9
≥ 16000	22.6	58.2	64.3	68.5	72.2	72.7	74.7	75.5	75.8	76.6	77.1	77.1	77.6	77.6	78.2	78.9
≥ 14000	22.7	58.6	64.7	69.0	72.6	73.2	75.2	76.0	76.2	77.1	77.5	77.5	78.1	78.1	78.6	79.3
≥ 12000	23.5	59.6	65.7	70.0	73.7	74.3	76.3	77.2	77.4	78.3	78.8	78.8	79.3	79.3	79.9	80.5
≥ 10000	24.6	62.3	68.6	73.1	76.9	77.4	79.4	80.3	80.5	81.4	81.9	81.9	82.5	82.6	83.2	83.9
≥ 9000	24.6	62.5	69.0	73.4	77.2	77.8	79.8	80.6	80.9	81.8	82.3	82.3	83.0	83.1	83.6	84.3
≥ 8000	24.7	63.1	69.5	74.1	78.1	79.0	81.2	82.2	82.6	83.5	84.1	84.1	84.8	84.9	85.4	86.1
≥ 7000	24.7	63.1	69.5	74.1	78.2	79.1	81.3	82.3	82.8	83.6	84.2	84.2	84.9	85.0	85.5	86.2
≥ 6000	24.9	63.5	70.1	74.5	78.8	79.6	81.9	82.9	83.3	84.2	84.8	84.8	85.4	85.5	86.1	86.8
≥ 5000	25.0	64.1	70.6	75.2	79.6	80.5	82.8	83.8	84.2	85.1	85.7	85.7	86.4	86.5	87.2	87.9
≥ 4500	25.4	64.6	71.2	75.8	80.3	81.2	83.4	84.4	84.5	85.8	86.3	86.3	87.1	87.2	87.9	88.5
≥ 4000	25.5	65.1	71.6	76.2	80.9	81.8	84.0	85.1	85.5	86.4	87.0	87.0	87.8	87.9	88.5	89.2
≥ 3500	25.6	65.2	71.9	76.4	81.1	82.0	84.2	85.3	85.8	86.7	87.2	87.2	88.0	88.1	88.8	89.4
≥ 3000	25.7	65.9	72.5	77.1	81.8	82.6	84.9	86.0	86.4	87.3	87.9	87.9	88.7	88.8	89.4	90.1
≥ 2500	25.8	66.2	72.9	77.4	82.1	83.0	85.2	86.3	86.8	87.7	88.2	88.2	89.0	89.1	89.8	90.4
≥ 2000	25.9	66.7	73.4	78.0	82.6	83.5	85.8	86.9	87.3	88.2	88.8	88.8	89.5	89.7	90.3	91.0
≥ 1800	25.9	67.0	73.6	78.2	82.9	83.8	86.0	87.1	87.5	88.4	89.0	89.0	89.8	89.9	90.7	91.3
≥ 1500	26.0	67.3	74.0	78.5	83.3	84.2	86.4	87.5	88.0	88.9	89.4	89.4	90.2	90.3	91.1	91.8
≥ 1200	26.0	67.3	74.0	78.5	83.3	84.2	86.5	87.8	88.2	89.1	89.7	89.7	90.4	90.5	91.3	92.0
≥ 1000	26.1	67.5	74.2	78.8	83.5	84.4	86.8	88.0	88.4	89.3	89.9	89.9	90.7	90.8	91.5	92.2
≥ 900	26.1	67.6	74.4	79.0	83.8	84.6	87.0	88.3	88.8	89.7	90.2	90.2	91.0	91.1	91.9	92.5
≥ 800	26.1	67.6	74.4	79.2	84.0	84.9	87.2	88.5	89.0	89.9	90.4	90.4	91.2	91.3	92.1	92.8
≥ 700	26.1	68.0	74.7	79.8	84.5	85.4	87.8	89.2	89.7	90.5	91.1	91.1	91.9	92.0	92.8	93.4
≥ 600	26.1	68.1	74.9	80.1	85.0	85.9	88.2	89.7	90.1	91.0	91.5	91.5	92.3	92.4	93.2	93.9
≥ 500	26.1	68.5	75.6	81.1	86.0	87.0	89.3	90.8	91.2	92.1	92.7	92.7	93.4	93.5	94.3	95.0
≥ 400	26.3	68.9	76.1	81.5	86.5	87.7	90.0	91.4	91.9	92.8	93.3	93.3	94.1	94.2	95.0	95.7
≥ 300	26.3	69.2	76.5	82.1	87.1	88.5	91.1	92.7	93.2	94.2	94.9	94.9	95.7	95.9	96.8	97.7
≥ 200	26.3	69.4	76.8	82.4	87.4	88.9	91.5	93.1	93.7	94.7	95.4	95.6	96.4	96.8	97.8	98.8
≥ 100	26.3	69.4	76.8	82.4	87.4	88.9	91.5	93.1	93.7	94.7	95.4	95.6	96.7	97.0	98.3	99.6
≥ 0	26.3	69.4	76.8	82.4	87.4	88.9	91.5	93.1	93.7	94.7	95.4	95.6	96.7	97.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13250 STATION FT RUCKER AL

69-70, 73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	13.0	46.6	53.6	56.6	59.6	60.1	60.7	61.7	62.1	62.1	62.2	62.2	62.2	62.2	62.6	62.7
≥ 20000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 18000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 16000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 14000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 12000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 10000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 9000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 8000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 7000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 6000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 5000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 4500	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 4000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 3500	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 3000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 2500	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 2000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 1800	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 1500	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 1200	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 1000	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 900	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 800	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 700	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 600	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 500	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 400	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 300	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 200	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 100	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2
≥ 0	14.7	52.3	59.7	63.3	66.9	67.7	68.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	70.1	70.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3450
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥.1	≥0
NO CEILING	27.3	61.1	63.3	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥20000	31.1	72.3	74.7	75.3	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥18000	31.1	72.3	74.7	75.3	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥16000	31.2	72.4	74.8	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥14000	31.4	73.2	75.6	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥12000	32.4	75.3	77.7	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥10000	34.1	79.3	81.8	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥9000	34.1	80.1	82.5	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥8000	34.4	81.0	83.6	84.2	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥7000	34.6	81.4	84.0	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥6000	34.6	81.4	84.0	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥5000	34.7	82.1	84.7	85.4	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥4500	34.3	82.4	85.2	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥4000	35.0	82.9	85.7	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥3500	35.2	83.3	86.1	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥3000	35.6	84.9	87.8	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥2500	36.8	86.2	89.1	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥2000	37.4	88.7	91.7	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥1800	37.7	89.4	92.4	93.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥1500	37.7	90.7	93.8	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥1200	38.4	92.2	95.3	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1000	38.6	92.8	96.4	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥900	38.6	93.1	96.9	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥800	38.6	93.2	97.1	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥700	38.6	93.3	97.2	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥500	38.6	93.4	97.3	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥500	38.6	93.4	97.3	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥400	38.6	93.4	97.3	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥300	38.6	93.4	97.3	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥200	38.6	93.4	97.3	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥100	38.6	93.4	97.3	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥100	38.6	93.4	97.3	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL STATION NAME

69-70, 73-87 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	29.6	57.6	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥2600	37.4	74.1	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥18000	37.4	74.1	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥16000	37.4	74.1	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥14000	37.4	74.3	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥12000	38.3	76.1	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥10000	39.8	80.1	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥9000	39.8	80.6	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥8000	40.2	82.4	84.1	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥7000	40.3	82.9	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥6000	41.8	83.9	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥5000	41.6	85.6	87.3	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥4500	42.6	86.8	88.8	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥4000	44.7	89.3	91.3	91.8	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥3500	44.9	90.7	92.7	93.1	93.6	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥3000	45.2	93.1	95.2	95.8	96.3	96.3	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥2500	45.9	94.2	96.4	97.1	97.6	97.6	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥2000	46.3	94.7	97.0	97.6	98.1	98.1	98.2	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥1800	46.8	95.1	97.4	98.0	98.6	98.6	98.7	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥1500	46.1	95.2	97.6	98.1	98.7	98.7	98.8	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥1200	46.1	95.2	97.6	98.1	98.7	98.7	98.8	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥1000	46.1	95.2	97.6	98.1	98.7	98.7	98.8	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥900	46.1	95.2	97.6	98.1	98.7	98.7	98.8	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥800	46.1	95.2	97.6	98.1	98.7	98.7	98.8	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥700	46.1	95.2	97.6	98.1	98.7	98.8	98.9	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥600	46.1	95.2	97.6	98.1	98.8	98.9	99.0	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥500	46.1	95.2	97.6	98.1	98.8	98.9	99.0	99.3	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥400	46.1	95.2	97.6	98.1	98.8	98.9	99.0	99.3	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥300	46.1	95.2	97.6	98.1	98.8	98.9	99.0	99.3	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥200	46.1	95.2	97.6	98.1	98.8	98.9	99.0	99.3	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥100	46.1	95.2	97.6	98.1	98.8	98.9	99.0	99.3	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0
0	46.1	95.2	97.6	98.1	98.8	98.9	99.0	99.3	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

354
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	29.6	55.9	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	37.4	72.6	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	37.4	73.0	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 16000	37.4	73.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 14000	37.6	73.1	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000	39.2	74.4	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	40.7	81.0	82.9	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	41.1	81.9	83.8	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	42.4	84.9	86.8	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000	42.8	85.4	87.3	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	43.2	86.1	88.1	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	44.1	87.8	89.9	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	44.7	88.9	91.7	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	45.1	91.2	92.6	93.4	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	45.7	91.4	93.8	94.7	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	45.9	92.7	95.1	96.1	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	46.1	93.9	96.3	97.3	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	46.1	94.4	96.9	98.0	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	46.1	94.4	96.9	98.0	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	46.2	94.6	97.1	98.4	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	46.2	94.7	97.2	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	46.2	94.7	97.2	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	46.2	94.7	97.2	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	46.2	94.7	97.2	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	46.2	94.7	97.2	98.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	46.2	94.7	97.2	98.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	46.2	94.7	97.2	98.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	46.2	94.7	97.2	98.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	46.2	94.7	97.2	98.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	46.2	94.7	97.2	98.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	46.2	94.7	97.2	98.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	46.2	94.7	97.2	98.7	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

1350
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	35.6	55.9	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	39.4	74.1	75.2	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	39.4	74.1	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 16000	39.4	74.2	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 14000	39.6	74.4	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	40.4	75.7	77.2	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 10000	42.8	83.8	85.6	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	43.6	85.0	86.8	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 8000	44.2	87.6	89.3	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	44.6	88.2	90.0	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	44.9	89.0	91.0	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000	45.4	90.3	92.3	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	45.7	90.9	92.9	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	45.7	91.8	94.1	95.0	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	46.1	92.7	95.1	96.0	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	46.4	93.7	96.3	97.2	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 2500	46.4	94.0	96.8	97.7	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 2000	46.4	94.3	97.1	98.0	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1800	46.4	94.3	97.1	98.0	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1500	46.4	94.3	97.1	98.0	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1200	46.4	94.3	97.1	98.1	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6
≥ 1000	46.4	94.3	97.1	98.1	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6
≥ 900	46.4	94.4	97.2	98.2	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7
≥ 800	46.4	94.4	97.2	98.2	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7
≥ 700	46.4	94.4	97.2	98.2	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7
≥ 600	46.4	94.4	97.2	98.2	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7
≥ 500	46.4	94.4	97.2	98.3	99.2	99.2	99.2	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 400	46.4	94.6	97.4	98.6	99.4	99.4	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300	46.4	94.6	97.4	98.6	99.4	99.4	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	46.4	94.6	97.4	98.6	99.4	99.4	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	46.4	94.6	97.4	98.6	99.4	99.4	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	46.4	94.6	97.4	98.6	99.4	99.4	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	42.8	75.0	75.6	76.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 20000	47.1	83.9	84.8	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000	47.1	83.9	84.8	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000	47.1	83.9	84.8	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 14000	47.2	84.2	85.1	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000	47.7	85.1	86.1	86.6	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	50.0	89.4	90.6	91.1	91.4	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 9000	50.0	89.7	90.6	91.3	91.7	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	50.6	90.6	91.8	92.4	92.8	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 7000	51.1	91.3	92.4	93.1	93.4	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 6000	51.3	91.9	93.1	93.8	94.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 5000	51.3	92.3	93.6	94.2	94.6	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	51.3	92.9	94.1	94.8	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	51.6	94.2	95.7	96.3	96.8	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	51.7	95.0	96.4	97.1	97.6	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	51.9	95.2	96.8	97.6	98.1	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	51.3	95.2	96.8	97.6	98.2	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	51.3	95.8	97.3	98.1	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	51.8	95.8	97.3	98.1	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1600	51.3	95.9	97.4	98.2	98.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	51.8	95.9	97.4	98.2	98.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	51.8	96.0	97.6	98.3	99.0	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	51.8	96.0	97.6	98.3	99.0	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	51.8	96.0	97.6	98.3	99.0	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	51.8	96.0	97.6	98.3	99.0	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	51.8	96.0	97.7	98.4	99.1	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	51.8	96.1	97.8	98.6	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	51.8	96.2	98.0	98.8	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	51.8	96.2	98.0	98.8	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	51.8	96.2	98.0	98.8	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	51.8	96.2	98.0	98.8	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	51.8	96.2	98.0	98.8	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13557
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
MONTHS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	29.1	59.9	62.3	63.4	64.3	64.5	64.8	65.0	65.1	65.2	65.3	65.3	65.4	65.5	65.6	65.7
≥ 20000	33.9	70.9	73.7	75.1	76.2	76.4	76.7	77.0	77.1	77.2	77.3	77.3	77.4	77.5	77.6	77.7
≥ 18000	33.8	71.0	73.8	75.1	76.2	76.4	76.8	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.7	77.8
≥ 16000	33.9	71.1	73.9	75.2	76.3	76.5	76.9	77.1	77.3	77.4	77.5	77.5	77.6	77.6	77.8	77.9
≥ 14000	33.9	71.4	74.3	75.6	76.7	76.9	77.3	77.5	77.7	77.8	77.8	77.9	78.0	78.0	78.1	78.2
≥ 12000	34.6	72.8	75.7	77.1	78.2	78.4	78.8	79.0	79.1	79.3	79.4	79.4	79.5	79.5	79.7	79.8
≥ 10000	36.3	77.2	80.2	81.7	82.9	83.1	83.5	83.8	83.9	84.0	84.2	84.2	84.3	84.3	84.5	84.6
≥ 9000	36.5	77.8	80.9	82.4	83.6	83.8	84.2	84.5	84.6	84.7	84.9	84.9	85.0	85.1	85.2	85.3
≥ 8000	37.0	79.2	82.4	84.1	85.3	85.6	86.1	86.4	86.6	86.7	86.8	86.8	86.9	87.0	87.1	87.2
≥ 7000	37.1	79.6	82.8	84.5	85.7	86.0	86.5	86.8	87.0	87.1	87.2	87.2	87.4	87.4	87.6	87.7
≥ 6000	37.4	80.2	83.5	85.1	86.4	86.7	87.1	87.4	87.6	87.7	87.9	87.9	88.0	88.1	88.2	88.3
≥ 5000	37.8	81.1	84.4	86.2	87.5	87.8	88.2	88.5	88.7	88.8	89.0	89.0	89.1	89.2	89.4	89.5
≥ 4500	38.0	81.7	85.1	86.8	88.2	88.5	88.9	89.2	89.4	89.6	89.7	89.7	89.8	89.9	90.1	90.2
≥ 4000	38.3	82.7	86.2	88.0	89.5	89.8	90.2	90.5	90.7	90.9	91.0	91.0	91.2	91.2	91.4	91.5
≥ 3500	38.6	83.3	86.9	88.6	90.2	90.5	90.9	91.2	91.4	91.6	91.7	91.7	91.9	91.9	92.1	92.2
≥ 3000	39.9	84.3	87.9	89.7	91.3	91.6	92.0	92.4	92.6	92.7	92.9	92.9	93.1	93.1	93.3	93.4
≥ 2500	39.1	84.9	88.6	90.4	92.0	92.3	92.7	93.1	93.3	93.5	93.6	93.6	93.8	93.8	94.0	94.1
≥ 2000	39.3	85.6	89.3	91.2	92.8	93.1	93.6	94.0	94.2	94.4	94.5	94.6	94.7	94.8	94.9	95.0
≥ 1800	39.3	85.8	89.6	91.4	93.1	93.4	93.9	94.2	94.5	94.6	94.8	94.8	95.0	95.0	95.2	95.3
≥ 1600	39.4	86.2	90.0	91.9	93.6	93.9	94.4	94.7	95.1	95.1	95.3	95.3	95.5	95.5	95.7	95.8
≥ 1400	39.5	86.6	90.4	92.4	94.1	94.4	94.9	95.3	95.6	95.7	95.9	95.9	96.1	96.1	96.3	96.4
≥ 1200	39.6	86.9	90.8	92.8	94.5	94.9	95.4	95.8	96.0	96.2	96.4	96.4	96.5	96.6	96.8	96.9
≥ 900	39.6	87.1	91.1	93.1	94.8	95.2	95.7	96.1	96.3	96.5	96.7	96.7	96.8	96.9	97.1	97.2
≥ 800	39.6	87.2	91.2	93.3	95.1	95.5	96.0	96.4	96.6	96.8	97.0	97.0	97.2	97.2	97.4	97.5
≥ 700	39.6	87.4	91.4	93.6	95.4	95.8	96.3	96.8	97.0	97.2	97.3	97.4	97.5	97.6	97.8	97.9
≥ 600	39.6	87.5	91.6	93.8	95.6	96.0	96.6	97.0	97.3	97.5	97.6	97.7	97.8	97.9	98.1	98.2
≥ 500	39.6	87.6	91.8	94.1	95.9	96.4	96.9	97.4	97.7	97.8	98.0	98.0	98.2	98.3	98.5	98.6
≥ 400	39.7	87.7	92.0	94.3	96.2	96.7	97.2	97.7	98.0	98.2	98.3	98.3	98.5	98.5	98.8	98.9
≥ 300	39.7	87.8	92.1	94.4	96.3	96.8	97.5	98.0	98.3	98.5	98.7	98.7	98.9	99.0	99.2	99.4
≥ 200	39.7	87.9	92.1	94.5	96.4	97.0	97.6	98.1	98.4	98.7	99.0	99.0	99.2	99.3	99.6	99.7
≥ 100	39.7	87.9	92.1	94.5	96.4	97.0	97.6	98.2	98.4	98.7	99.0	99.0	99.3	99.4	99.7	99.9
≥ 0	39.7	87.9	92.1	94.5	96.4	97.0	97.6	98.2	98.4	98.7	99.0	99.0	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
7450

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	27.8	67.5	71.0	71.5	73.3	74.0	74.3	74.8	74.8	74.8	74.9	74.9	74.9	74.9	75.1	75.2
≥ 20000	29.2	73.3	76.7	78.6	80.5	81.2	81.6	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.7	82.8
≥ 18000	29.2	73.3	76.7	78.6	80.5	81.2	81.6	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.7	82.8
≥ 16000	29.2	73.3	76.7	78.6	80.5	81.2	81.6	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.7	82.8
≥ 14000	29.2	73.3	76.7	78.6	80.5	81.2	81.6	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.7	82.8
≥ 12000	29.2	73.3	76.7	78.6	80.5	81.2	81.6	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.7	82.8
≥ 10000	31.5	78.6	82.0	83.9	85.9	86.5	87.7	87.7	87.7	87.8	88.1	88.1	88.1	88.1	88.3	88.4
≥ 9000	31.5	78.6	82.0	83.9	85.9	86.5	87.7	87.7	87.7	87.8	88.1	88.1	88.1	88.1	88.3	88.4
≥ 8000	32.5	80.7	84.3	86.1	88.2	88.8	89.2	90.0	90.0	90.1	90.3	90.3	90.3	90.3	90.5	90.6
≥ 7000	32.5	80.7	84.3	86.1	88.2	88.8	89.2	90.0	90.0	90.1	90.3	90.3	90.3	90.3	90.5	90.6
≥ 6000	32.5	80.7	84.3	86.1	88.2	88.8	89.2	90.0	90.0	90.1	90.3	90.3	90.3	90.3	90.5	90.6
≥ 5000	33.3	83.2	86.8	88.6	90.6	91.3	91.7	92.5	92.5	92.6	92.8	92.8	92.8	92.8	93.1	93.2
≥ 4500	33.3	83.2	86.8	88.6	90.6	91.3	91.7	92.5	92.5	92.6	92.8	92.8	92.8	92.8	93.1	93.2
≥ 4000	33.3	83.2	86.8	88.6	90.6	91.3	91.7	92.5	92.5	92.6	92.8	92.8	92.8	92.8	93.1	93.2
≥ 3500	33.4	83.7	87.3	89.1	91.2	91.8	92.2	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.5	93.6
≥ 3000	33.4	83.7	87.3	89.1	91.2	91.8	92.2	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.5	93.6
≥ 2500	33.6	84.8	88.4	90.2	92.2	92.9	93.3	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.6	94.7
≥ 2000	33.7	85.1	88.7	90.5	92.6	93.2	93.6	94.4	94.4	94.5	94.7	94.7	94.7	94.7	94.9	95.0
≥ 1800	33.8	85.3	88.8	90.6	92.7	93.3	93.8	94.5	94.5	94.6	94.8	94.8	94.8	94.8	95.0	95.1
≥ 1500	33.8	85.3	88.8	90.6	92.7	93.3	93.8	94.5	94.5	94.6	94.8	94.8	94.8	94.8	95.0	95.1
≥ 1200	33.8	85.3	88.8	90.6	92.7	93.3	93.8	94.5	94.5	94.6	94.8	94.8	94.8	94.8	95.0	95.1
≥ 1000	34.1	85.9	89.5	91.6	93.8	94.4	94.8	95.6	95.6	95.7	95.9	95.9	95.9	95.9	96.1	96.2
≥ 900	34.4	86.2	89.8	91.9	94.1	94.7	95.2	95.9	95.9	96.0	96.2	96.2	96.2	96.2	96.4	96.5
≥ 800	34.6	86.4	90.0	92.1	94.3	94.9	95.4	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.7	96.8
≥ 700	34.6	86.5	90.1	92.2	94.4	95.0	95.5	96.2	96.2	96.3	96.6	96.6	96.6	96.6	96.9	97.0
≥ 600	34.6	86.5	90.1	92.2	94.4	95.0	95.5	96.2	96.2	96.3	96.6	96.6	96.6	96.6	96.9	97.0
≥ 500	34.7	87.2	90.9	93.0	95.2	95.8	96.2	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.5	97.6
≥ 400	34.7	87.4	91.1	93.4	95.6	96.2	96.7	97.4	97.4	97.6	97.8	97.8	97.8	97.8	98.1	98.2
≥ 300	34.7	87.4	91.2	93.5	95.8	96.6	97.1	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.9	99.0
≥ 200	34.7	87.6	91.4	93.6	96.0	96.8	97.4	98.5	98.5	98.7	98.9	99.1	99.1	99.1	99.5	99.6
≥ 100	34.7	87.7	91.5	93.9	96.1	96.9	97.5	98.7	98.8	99.0	99.4	99.6	99.6	99.6	99.9	100.0
≥ 0	34.7	87.7	91.5	93.9	96.1	96.9	97.5	98.7	98.8	99.0	99.4	99.6	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13800
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	17.4	45.6	51.9	56.7	60.5	62.0	63.5	65.2	65.7	66.1	66.1	66.1	66.3	66.9	68.1	68.4
≥ 20000	17.7	50.0	57.5	63.3	67.6	69.6	71.2	73.1	73.9	74.4	74.6	74.6	75.1	75.6	76.9	77.2
≥ 18000	17.7	50.0	57.5	63.4	67.7	69.7	71.3	73.2	74.0	74.5	74.7	74.7	75.2	75.7	77.0	77.3
≥ 16000	17.7	50.0	57.5	63.4	67.7	69.7	71.3	73.2	74.0	74.5	74.7	74.7	75.2	75.7	77.0	77.3
≥ 14000	18.0	50.2	57.7	63.7	68.0	69.9	71.5	73.4	74.2	74.7	74.9	74.9	75.4	75.9	77.2	77.5
≥ 12000	18.3	51.0	58.5	64.4	68.7	71.6	72.3	74.2	74.9	75.5	75.7	75.7	76.1	76.7	78.0	78.4
≥ 10000	19.6	53.7	61.7	67.7	72.2	74.1	75.7	78.0	78.7	79.2	79.5	79.5	79.9	80.4	81.8	82.3
≥ 9000	19.9	54.2	62.3	68.3	72.7	74.6	76.2	78.5	79.2	79.8	80.0	80.0	80.4	81.0	82.4	82.8
≥ 8000	20.8	56.0	64.3	70.4	74.8	76.8	78.4	80.6	81.4	81.9	82.3	82.3	82.7	83.2	84.6	85.1
≥ 7000	21.8	56.8	65.1	71.2	75.7	77.6	79.2	81.5	82.3	82.8	83.1	83.1	83.5	84.1	85.5	85.9
≥ 6000	20.9	57.4	65.9	72.3	76.8	78.7	80.3	82.6	83.3	83.9	84.3	84.3	84.7	85.3	86.7	87.1
≥ 5000	20.9	57.7	66.2	72.6	77.1	79.0	80.6	82.9	83.7	84.2	84.6	84.6	85.1	85.6	87.1	87.4
≥ 4500	21.1	58.3	66.8	73.1	77.6	79.6	81.2	83.4	84.2	84.7	85.2	85.2	85.6	86.1	87.5	88.0
≥ 4000	21.1	58.4	66.9	73.3	77.8	79.8	81.5	83.8	84.5	85.1	85.5	85.5	85.9	86.5	87.8	88.3
≥ 3500	21.1	58.4	66.9	73.3	77.8	79.8	81.5	83.8	84.5	85.1	85.5	85.5	85.9	86.5	87.8	88.3
≥ 3000	21.1	58.6	67.2	73.7	78.3	81.2	81.9	84.2	84.9	85.5	85.9	85.9	86.3	86.9	88.3	88.7
≥ 2500	21.2	59.1	67.7	74.2	78.8	81.8	82.6	84.8	85.6	86.1	86.6	86.6	87.0	87.5	88.9	89.4
≥ 2000	21.2	59.5	68.1	74.6	79.4	81.3	83.1	85.5	86.2	86.8	87.1	87.2	87.6	88.2	89.6	90.0
≥ 1800	21.2	59.5	68.1	74.6	79.4	81.3	83.1	85.5	86.2	86.8	87.2	87.2	87.6	88.2	89.6	90.0
≥ 1500	21.3	59.7	68.3	74.8	79.6	81.5	83.3	85.7	86.5	87.0	87.4	87.4	87.8	88.4	89.8	90.2
≥ 1200	21.4	59.9	68.5	75.2	79.9	81.8	83.8	86.1	86.9	87.4	87.8	87.8	88.3	88.8	90.2	90.6
≥ 1000	21.4	60.3	69.7	75.8	80.6	82.6	84.5	87.0	87.7	88.3	88.8	88.8	89.2	89.8	91.2	91.6
≥ 900	21.7	61.0	69.7	76.6	81.4	83.3	85.3	87.7	88.6	89.1	89.7	89.7	90.1	90.6	92.0	92.5
≥ 800	21.7	61.2	70.1	77.0	81.8	83.8	85.7	88.2	89.0	89.6	90.1	90.1	90.5	91.1	92.5	92.9
≥ 700	21.8	61.4	70.3	77.4	82.3	84.2	86.1	88.6	89.5	90.0	90.5	90.5	91.1	91.6	93.0	93.4
≥ 600	21.8	61.6	70.8	78.0	82.8	84.7	86.7	89.2	90.1	90.6	91.2	91.2	91.7	92.3	93.7	94.1
≥ 500	21.8	61.7	70.9	78.2	83.0	84.9	86.9	89.7	90.5	91.1	91.6	91.6	92.2	92.7	94.1	94.5
≥ 400	21.8	62.0	71.2	78.5	83.4	85.5	87.6	90.5	91.4	91.9	92.5	92.5	93.1	93.7	95.1	95.6
≥ 300	21.8	62.2	71.3	78.6	83.7	85.7	87.8	91.0	91.8	92.6	93.2	93.2	93.9	94.4	95.9	96.6
≥ 200	21.8	62.2	71.3	78.6	83.9	85.9	88.2	91.4	92.5	93.4	94.2	94.3	95.3	95.8	97.3	98.3
≥ 100	21.8	62.2	71.3	78.6	84.0	86.0	88.5	91.7	92.9	94.0	94.9	95.2	96.3	97.1	98.7	99.7
≥ 0	21.8	62.2	71.3	78.6	84.0	86.0	88.5	91.7	92.9	94.0	94.9	95.2	96.3	97.0	98.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

FIGRAI CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13351
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	9.2	37.8	43.9	49.4	53.0	54.3	55.9	56.1	56.6	56.9	57.0	57.0	57.4	57.4	57.4	57.4
≥ 20000	9.9	43.2	50.3	57.1	61.7	63.2	65.4	65.7	66.3	66.7	67.0	67.0	67.6	67.6	67.7	67.7
≥ 18000	9.9	43.2	50.3	57.1	61.7	63.2	65.4	65.7	66.3	66.7	67.0	67.0	67.6	67.6	67.7	67.7
≥ 16000	9.9	43.2	50.3	57.1	61.7	63.2	65.4	65.7	66.3	66.7	67.0	67.0	67.6	67.6	67.7	67.7
≥ 14000	10.1	43.4	50.8	57.5	62.2	63.7	65.8	66.1	66.8	67.1	67.4	67.4	68.1	68.1	68.2	68.2
≥ 12000	10.1	43.4	50.8	57.5	62.2	63.7	65.8	66.1	66.8	67.1	67.4	67.4	68.1	68.1	68.2	68.2
≥ 10000	12.0	48.9	56.9	64.0	68.7	71.3	72.7	73.1	73.9	74.3	74.6	74.6	75.3	75.3	75.5	75.7
≥ 9000	12.2	49.5	57.5	64.6	69.4	71.0	73.3	73.8	74.5	74.9	75.3	75.3	75.9	75.9	76.1	76.3
≥ 8000	12.6	51.2	59.2	66.7	71.7	73.4	75.9	76.2	77.1	77.5	78.0	78.0	78.6	78.6	78.8	79.0
≥ 7000	12.7	51.4	59.6	67.0	72.0	73.8	76.2	76.7	77.4	78.0	78.4	78.4	79.0	79.0	79.2	79.5
≥ 6000	12.7	51.7	60.1	67.5	72.6	74.3	76.7	77.3	78.1	78.6	79.0	79.0	79.7	79.7	79.9	80.1
≥ 5000	12.7	52.2	60.5	68.1	73.1	74.8	77.4	77.8	78.6	79.1	79.6	79.6	80.2	80.2	80.4	80.6
≥ 4500	12.7	52.3	60.6	68.2	73.2	74.9	77.5	78.0	78.7	79.2	79.7	79.7	80.3	80.3	80.5	80.8
≥ 4000	12.8	52.9	61.3	68.9	74.0	75.7	78.4	78.9	79.7	80.2	80.6	80.6	81.3	81.3	81.5	81.7
≥ 3500	12.8	53.1	61.5	69.1	74.2	75.9	78.6	79.1	79.9	80.4	80.9	80.9	81.5	81.5	81.7	81.9
≥ 3000	12.8	53.1	61.5	69.2	74.3	76.1	78.8	79.4	80.1	80.8	81.2	81.2	81.8	81.8	82.0	82.3
≥ 2500	12.9	53.7	62.0	70.0	75.1	76.9	79.6	80.1	80.9	81.5	81.9	81.9	82.6	82.6	82.8	83.0
≥ 2000	12.9	54.2	62.6	70.5	75.6	77.4	80.1	80.6	81.5	82.2	82.6	82.6	83.2	83.2	83.4	83.7
≥ 1800	12.9	54.3	62.7	70.6	75.7	77.5	80.2	80.8	81.6	82.3	82.7	82.7	83.3	83.3	83.5	83.8
≥ 1500	13.1	54.5	62.9	70.9	75.9	77.7	80.4	81.0	81.8	82.5	82.9	82.9	83.5	83.5	83.8	84.0
≥ 1200	13.3	55.4	63.9	71.8	77.0	79.1	81.9	82.5	83.3	84.0	84.4	84.4	85.1	85.1	85.3	85.5
≥ 1000	13.4	55.6	64.3	72.4	77.6	79.9	82.7	83.2	84.1	84.7	85.2	85.2	85.8	85.8	86.0	86.2
≥ 900	13.4	56.1	64.8	72.9	78.3	80.5	83.4	84.0	84.9	85.6	86.1	86.1	86.8	86.8	87.0	87.2
≥ 800	13.5	57.1	65.9	74.2	79.7	81.9	84.8	85.4	86.3	87.0	87.5	87.5	88.2	88.2	88.4	88.6
≥ 700	13.7	58.0	67.0	75.6	81.4	83.8	86.8	87.3	88.3	88.9	89.5	89.5	90.1	90.1	90.3	90.5
≥ 600	13.7	58.6	68.1	76.8	83.0	85.4	88.4	89.0	90.0	90.6	91.2	91.2	91.8	91.8	92.0	92.3
≥ 500	13.7	59.2	68.7	77.6	84.4	86.9	90.1	90.8	91.7	92.5	93.0	93.0	93.7	93.7	93.9	94.1
≥ 400	13.7	59.6	69.2	78.3	85.5	88.0	91.3	92.3	93.3	94.1	94.6	94.6	95.3	95.3	95.5	95.7
≥ 300	13.7	59.8	69.8	78.9	86.1	88.8	92.3	94.0	95.2	96.0	96.6	96.6	97.3	97.3	97.8	98.2
≥ 200	13.7	59.8	69.8	78.9	86.2	88.9	92.5	94.4	95.7	96.6	97.1	97.1	98.3	98.3	99.2	99.7
≥ 100	13.7	59.8	69.8	78.9	86.2	88.9	92.5	94.4	95.7	96.6	97.1	97.1	98.3	98.3	99.4	99.9
≥ 0	13.7	59.8	69.8	78.9	86.2	88.9	92.5	94.4	95.7	96.6	97.1	97.1	98.3	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3856
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	17.6 21.1	52.5 64.9	55.7 64.8	56.7 66.3	57.0 66.7	57.1 66.8	57.2 66.9	57.2 66.9	57.2 66.9	57.2 66.9	57.2 66.9	57.2 66.9	57.2 66.9	57.2 66.9	57.2 66.9	57.2 66.9
≥ 18000 IV 16000	20.1 23.1	60.9 67.9	64.8 64.8	66.3 66.3	66.7 66.7	66.8 66.8	66.9 66.9	66.9 66.9	66.9 66.9	66.9 66.9	66.9 66.9	66.9 66.9	66.9 66.9	66.9 66.9	66.9 66.9	66.9 66.9
IV 14000 IV 12000	20.5 21.3	61.6 63.7	65.6 67.6	67.1 69.1	67.4 69.5	67.5 69.6	67.6 69.7	67.6 69.7	67.6 69.7	67.6 69.7	67.6 69.7	67.6 69.7	67.6 69.7	67.6 69.7	67.6 69.7	67.6 69.7
IV 10000 IV 9000	23.2 23.3	68.9 69.4	73.3 73.9	73.3 75.4	75.3 75.7	75.4 75.8	75.5 75.9	75.5 75.9	75.5 75.9	75.5 75.9	75.5 75.9	75.5 75.9	75.5 75.9	75.5 75.9	75.5 75.9	75.5 75.9
≥ 8000 IV 7000	24.1 24.6	72.2 73.1	76.9 77.8	78.5 79.5	78.8 79.8	78.9 79.9	79.0 80.0	79.0 80.0	79.0 80.0	79.0 80.0	79.0 80.0	79.0 80.0	79.0 80.0	79.0 80.0	79.0 80.0	79.0 80.0
≥ 6000 IV 5000	24.6 24.7	73.9 74.3	79.6 79.7	80.2 80.8	80.5 81.2	80.6 81.3	80.8 81.4	80.8 81.4	80.8 81.4	80.8 81.4	80.8 81.4	80.8 81.4	80.8 81.4	80.8 81.4	80.8 81.4	80.8 81.4
IV 4500 IV 4000	24.7 25.1	74.4 75.9	79.1 80.6	80.9 82.4	81.3 82.8	81.4 82.9	81.5 83.0	81.5 83.0	81.5 83.0	81.5 83.0	81.5 83.0	81.5 83.0	81.5 83.0	81.5 83.0	81.5 83.0	81.5 83.0
IV 3500 IV 3000	25.2 25.9	76.6 78.8	81.5 83.7	83.2 85.6	83.7 85.0	83.8 86.1	83.9 86.2	83.9 86.2	83.9 86.2	83.9 86.2	83.9 86.2	83.9 86.2	83.9 86.2	83.9 86.2	83.9 86.2	83.9 86.2
IV 2500 IV 2000	26.9 27.5	81.0 83.0	85.8 88.1	87.7 90.2	88.2 90.6	88.3 91.8	88.4 90.9	88.4 90.9	88.4 90.9	88.4 90.9	88.4 90.9	88.4 90.9	88.4 90.9	88.4 90.9	88.4 90.9	88.4 90.9
IV 1800 IV 1500	27.7 28.5	84.2 85.9	89.2 91.1	91.4 93.2	91.8 93.7	92.1 93.9	92.2 94.1	92.2 94.1	92.2 94.1	92.2 94.1	92.2 94.1	92.2 94.1	92.2 94.1	92.2 94.1	92.2 94.1	92.2 94.1
IV 1200 IV 1000	28.6 28.9	88.5 89.2	93.8 94.6	95.9 96.8	96.5 97.3	96.7 97.7	96.9 98.0	96.9 98.0	96.9 98.0	96.9 98.0	96.9 98.0	96.9 98.0	96.9 98.0	96.9 98.0	96.9 98.0	96.9 98.0
IV 900 IV 800	28.8 28.9	89.6 89.9	94.9 95.3	97.3 97.7	97.8 98.3	98.5 98.9	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1
IV 700 IV 600	29.7 29.7	90.0 90.3	95.4 95.7	97.8 98.2	98.5 98.8	99.2 99.6	99.5 99.8	99.5 99.8	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9
IV 500 IV 400	29.7 29.7	90.3 90.3	95.7 95.7	98.2 98.2	98.8 98.8	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 300 IV 200	29.7 29.7	90.3 90.3	95.7 95.7	98.2 98.2	98.8 98.8	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 100 IV 0	29.7 29.7	90.3 90.3	95.7 95.7	98.2 98.2	98.8 98.8	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FILE
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥16	≥0
NO CEILING	17.6	45.2	47.4	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	24.7	61.4	64.3	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	24.7	61.4	64.3	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	24.7	61.4	64.3	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	24.1	61.8	64.7	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	25.7	65.3	68.2	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	29.1	72.6	75.7	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	29.4	72.8	75.9	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	30.4	76.6	79.7	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	30.9	77.2	80.3	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	31.5	78.2	81.4	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	31.6	79.4	82.7	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	32.2	80.3	83.7	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	32.9	83.4	87.1	88.1	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	33.3	85.1	88.7	89.7	90.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	34.9	88.7	91.2	92.8	93.4	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	35.7	89.8	93.7	94.6	95.6	95.8	95.8	95.8	95.8	95.9	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	36.3	91.5	95.4	96.3	97.4	97.6	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	36.5	91.8	95.7	96.8	97.8	98.1	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	36.5	91.9	95.8	97.0	98.1	98.3	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	36.6	92.3	96.1	97.3	98.4	98.6	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	36.6	92.3	96.2	97.4	98.6	98.8	98.8	98.8	98.8	98.9	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	36.6	92.4	96.3	97.5	98.7	98.9	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	36.6	92.4	96.3	97.5	98.7	98.9	98.9	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	36.6	92.6	96.7	97.8	99.7	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	36.6	92.6	96.7	97.8	99.7	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	36.6	92.7	96.8	98.1	99.2	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	36.6	92.7	96.8	98.1	99.2	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	36.6	92.7	96.8	98.1	99.2	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	36.6	92.7	96.8	98.1	99.2	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	36.6	92.7	96.8	98.1	99.2	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	36.6	92.7	96.8	98.1	99.2	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13350
STATION

FT RUCKER AL

STATION NAME

69-70, 73-8.

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	16.1	40.1	41.3	42.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥20000	23.1	61.2	62.6	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 18000	23.1	61.2	62.6	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 16000	23.1	61.2	62.6	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 14000	23.5	62.4	63.8	65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 12000	24.6	66.8	68.3	69.7	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 10000	28.7	76.7	78.5	80.0	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 9000	28.9	77.6	79.5	81.0	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 8000	29.5	81.8	84.0	85.6	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 7000	32.1	83.0	85.2	86.8	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 6000	32.4	84.4	86.2	87.8	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 5000	32.5	84.5	87.1	88.8	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4500	31.0	85.7	88.5	90.2	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 4000	32.3	88.0	91.7	93.5	94.9	94.9	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 3500	32.5	88.8	92.6	94.5	95.9	95.9	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
IV 3000	32.9	89.8	93.7	95.6	97.2	97.2	97.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 2500	33.0	90.0	94.1	96.0	97.7	97.7	98.0	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 2000	33.1	90.2	94.5	96.6	98.4	98.4	98.6	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 1800	33.1	90.3	94.6	96.7	98.5	98.5	98.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	33.1	90.3	94.6	96.7	98.5	98.6	98.8	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	33.1	90.4	94.7	96.8	98.6	98.7	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	33.1	90.6	94.9	97.0	98.8	98.9	99.1	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	33.1	90.8	95.1	97.1	98.9	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	33.1	90.9	95.2	97.2	99.0	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	33.1	90.9	95.2	97.2	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	33.1	90.9	95.2	97.2	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	33.1	90.9	95.2	97.2	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	33.1	90.9	95.2	97.2	99.0	99.2	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	33.1	90.9	95.2	97.2	99.0	99.2	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	33.1	90.9	95.2	97.2	99.0	99.2	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	33.1	90.9	95.2	97.2	99.0	99.2	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	33.1	90.9	95.2	97.2	99.0	99.2	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	15.4	40.8	41.9	42.6	42.9	42.9	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	22.4	63.2	64.9	66.0	66.7	66.7	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	22.4	63.2	64.9	66.0	66.7	66.7	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	22.4	63.2	64.9	66.0	66.7	66.7	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	23.0	64.2	65.9	67.0	67.6	67.6	67.7	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	24.0	66.7	68.8	70.1	70.8	70.8	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	28.0	76.9	79.0	80.4	81.3	81.4	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	29.0	77.3	79.5	80.9	81.7	81.8	81.9	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	28.5	81.4	83.8	85.2	86.1	86.2	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000	28.9	82.5	84.8	86.2	87.2	87.3	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	29.2	83.7	86.1	87.5	88.5	88.6	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	29.2	84.0	86.6	88.0	89.1	89.2	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	29.7	85.3	88.2	89.8	91.2	91.4	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	30.0	87.3	90.6	92.5	94.1	94.3	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	30.1	88.0	91.3	93.1	94.7	94.9	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	30.8	88.9	92.4	94.3	95.9	96.2	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	30.8	89.0	92.4	94.8	96.6	96.9	97.3	97.5	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	30.8	89.0	92.4	94.8	96.6	96.9	97.3	97.5	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	30.8	89.0	92.4	94.8	96.6	96.9	97.3	97.5	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	30.8	89.0	92.4	94.8	96.6	96.9	97.3	97.5	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	30.8	89.0	92.4	94.8	96.6	96.9	97.3	97.5	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	31.1	89.4	93.2	95.3	97.1	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	31.1	89.4	93.2	95.3	97.1	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	31.1	89.4	93.2	95.3	97.1	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	31.1	89.4	93.2	95.3	97.1	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	31.1	89.4	93.2	95.3	97.1	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	31.1	89.4	93.2	95.3	97.1	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	31.1	89.4	93.2	95.3	97.1	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	31.1	89.4	93.2	95.3	97.1	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	31.1	89.4	93.2	95.3	97.1	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	31.1	89.4	93.2	95.3	97.1	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0	31.1	89.4	93.2	95.3	97.1	97.4	97.8	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION
385L

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	27.2	62.7	63.3	63.8	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
≥ 20000	31.3	75.3	76.6	77.4	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 18000	31.3	75.3	76.6	77.4	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 16000	31.3	75.3	76.6	77.4	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 14000	31.3	75.3	76.6	77.4	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 12000	31.7	76.3	77.6	78.5	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4
≥ 10000	33.7	81.7	83.1	84.0	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 9000	33.5	82.5	83.9	84.7	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 8000	34.2	84.5	86.2	87.1	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
≥ 7000	34.7	85.6	87.3	88.2	88.6	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1
≥ 6000	35.3	86.6	88.3	89.1	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 5000	35.8	88.1	89.8	90.6	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 4500	35.9	88.7	90.6	91.6	92.0	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 4000	36.1	91.1	93.7	94.0	94.4	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
≥ 3500	36.1	91.4	93.3	94.4	94.8	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 3000	36.2	91.7	93.9	95.1	95.5	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5
≥ 2500	36.3	92.4	94.6	95.8	96.3	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 2000	36.6	92.8	95.1	96.2	96.8	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 1800	36.6	93.0	95.3	96.5	97.0	97.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 1500	36.8	93.2	95.5	96.7	97.2	97.4	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 1200	37.1	93.7	95.9	97.1	97.6	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 1000	37.2	94.1	96.3	97.5	98.1	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 900	37.2	94.1	96.3	97.5	98.1	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 800	37.2	94.1	96.3	97.5	98.1	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 700	37.2	94.4	96.7	97.8	98.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 600	37.2	94.4	96.7	97.8	98.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 500	37.2	94.4	96.7	97.8	98.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 400	37.2	94.5	96.8	98.0	98.5	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 300	37.2	94.5	96.8	98.0	98.5	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200	37.2	94.5	96.8	98.0	98.5	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100	37.2	94.5	96.8	98.0	98.5	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 0	37.2	94.5	96.8	98.0	98.5	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
3451

FT RUCKER AL

STATION NAME

YEARS
69-70, 73-80

MONTH
JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	18.6	49.0	51.9	53.9	55.3	55.8	56.3	56.6	56.7	56.8	56.8	56.8	56.8	56.9	57.0	57.2
≥20000	22.2	61.0	64.7	67.2	68.9	69.4	70.0	70.4	70.6	70.7	70.8	70.8	70.8	70.9	71.0	71.2
≥18000	22.2	61.0	64.7	67.2	68.9	69.5	70.0	70.4	70.6	70.7	70.8	70.8	70.8	71.0	71.0	71.2
≥16000	22.2	61.0	64.7	67.2	68.9	69.5	70.0	70.4	70.6	70.7	70.8	70.8	70.8	71.0	71.0	71.2
≥14000	22.5	61.5	65.2	67.7	69.4	70.0	70.5	70.9	71.1	71.2	71.3	71.3	71.3	71.4	71.5	71.7
≥12000	23.3	63.7	67.4	70.0	71.6	72.2	72.8	73.2	73.4	73.5	73.6	73.6	73.6	73.7	73.8	74.0
≥10000	25.7	69.7	73.8	76.4	78.2	78.7	79.4	79.8	80.0	80.2	80.3	80.3	80.3	80.4	80.5	80.7
≥9000	25.7	70.5	74.3	77.0	78.7	79.3	79.9	80.4	80.6	80.7	80.8	80.8	80.8	81.0	81.0	81.4
≥8000	26.6	73.0	77.3	80.0	81.8	82.4	83.0	83.5	83.7	83.8	84.0	84.0	84.0	84.1	84.2	84.4
≥7000	27.7	73.9	78.1	81.9	82.7	83.3	83.9	84.4	84.6	84.7	84.9	84.9	84.9	85.0	85.1	85.3
≥6000	27.2	74.7	79.7	81.8	83.6	84.2	84.8	85.3	85.5	85.7	85.8	85.8	85.8	85.9	86.0	86.2
≥5000	27.7	75.4	79.8	82.6	84.5	85.1	85.7	86.2	86.4	86.6	86.7	86.7	86.7	86.8	86.9	87.1
≥4500	27.6	76.7	80.5	83.4	85.3	85.9	86.6	87.1	87.3	87.4	87.6	87.6	87.6	87.7	87.8	88.0
≥4000	27.9	77.6	82.3	85.2	87.2	87.9	88.6	89.0	89.3	89.4	89.6	89.6	89.6	89.7	89.8	90.0
≥3500	28.1	78.2	82.9	85.8	87.8	88.5	89.2	89.6	89.9	90.0	90.2	90.2	90.2	90.3	90.4	90.6
≥3000	28.5	79.1	84.0	87.0	89.0	89.7	90.4	90.9	91.1	91.3	91.5	91.5	91.5	91.6	91.7	91.9
≥2500	29.8	80.0	84.9	87.5	90.0	90.7	91.5	92.0	92.2	92.4	92.6	92.6	92.6	92.7	92.8	93.1
≥2000	29.7	80.7	85.6	88.7	90.9	91.6	92.3	92.9	93.1	93.3	93.5	93.5	93.5	93.7	93.7	94.0
≥1800	29.1	80.9	85.9	89.0	91.2	91.9	92.6	93.2	93.4	93.6	93.8	93.8	93.8	94.0	94.0	94.3
≥1500	29.2	81.2	86.2	89.4	91.5	92.2	93.0	93.5	93.8	94.0	94.2	94.2	94.2	94.3	94.4	94.6
≥1200	29.3	81.9	86.9	90.1	92.3	93.0	93.8	94.4	94.6	94.8	95.0	95.0	95.0	95.2	95.3	95.5
≥1000	29.5	82.2	87.3	91.5	92.7	93.5	94.3	94.9	95.1	95.3	95.6	95.6	95.6	95.7	95.8	96.0
≥900	29.5	82.4	87.5	90.8	93.1	93.8	94.7	95.2	95.5	95.7	95.9	95.9	95.9	96.1	96.2	96.4
≥800	29.6	82.7	87.8	91.1	93.4	94.2	95.7	95.6	95.8	96.1	96.3	96.3	96.3	96.4	96.5	96.7
≥700	29.6	83.0	88.1	91.5	93.8	94.7	95.5	96.1	96.4	96.6	96.8	96.8	96.8	97.0	97.1	97.3
≥600	29.7	83.2	88.4	91.8	94.2	95.1	95.9	96.5	96.8	97.0	97.2	97.2	97.2	97.4	97.5	97.7
≥500	29.7	83.3	88.6	92.0	94.5	95.4	96.2	96.9	97.1	97.4	97.6	97.6	97.6	97.8	97.9	98.1
≥400	29.7	83.5	88.7	92.2	94.8	95.6	96.6	97.2	97.5	97.8	98.1	98.1	98.1	98.2	98.3	98.5
≥300	29.7	83.5	88.8	92.3	94.9	95.8	96.8	97.6	97.9	98.2	98.5	98.5	98.5	98.7	98.8	99.0
≥200	29.7	83.5	88.9	92.4	95.0	95.9	96.9	97.8	98.2	98.6	98.9	98.9	98.9	99.2	99.4	99.7
≥100	29.7	83.5	89.0	92.4	95.0	95.9	96.9	97.8	98.2	98.6	98.9	98.9	98.9	99.2	99.4	99.7
≥0	29.7	83.5	89.0	92.4	95.0	95.9	96.9	97.8	98.2	98.6	98.9	98.9	98.9	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13851
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	34.2	72.8	75.5	77.1	77.5	77.8	78.7	79.0	79.2	79.2	79.7	79.7	79.8	79.9	80.0	80.0
≥ 20000	36.9	78.2	81.5	83.4	83.9	84.2	85.1	85.4	85.6	85.6	86.0	86.0	86.1	86.2	86.5	86.6
≥ 18000	36.9	78.2	81.5	83.4	83.9	84.2	85.1	85.4	85.6	85.6	86.0	86.0	86.1	86.2	86.5	86.6
≥ 16000	36.9	78.2	81.5	83.4	83.9	84.2	85.1	85.4	85.6	85.6	86.0	86.0	86.1	86.2	86.5	86.6
≥ 14000	36.9	78.3	81.6	83.5	84.0	84.3	85.2	85.5	85.7	85.7	86.1	86.1	86.2	86.3	86.6	86.7
≥ 12000	37.1	78.7	82.2	84.1	84.5	84.8	85.7	86.0	86.2	86.2	86.7	86.7	86.8	86.9	87.1	87.2
≥ 10000	37.8	80.2	83.7	85.6	86.1	86.5	87.3	87.6	87.8	87.8	88.3	88.3	88.4	88.5	88.7	88.8
≥ 9000	37.8	80.2	83.7	85.6	86.1	86.5	87.3	87.6	87.8	87.8	88.3	88.3	88.4	88.5	88.7	88.8
≥ 8000	38.8	81.8	85.7	87.6	88.2	88.5	89.4	89.7	89.9	89.9	90.3	90.3	90.4	90.5	90.8	90.9
≥ 7000	38.8	82.0	86.0	88.0	88.6	88.9	89.8	90.1	90.3	90.3	90.8	90.8	90.9	91.0	91.2	91.3
≥ 6000	39.1	82.4	86.3	88.3	88.9	89.2	90.1	90.4	90.6	90.6	91.1	91.1	91.2	91.3	91.5	91.6
≥ 5000	39.1	82.6	86.6	88.5	89.1	89.5	90.3	90.6	90.9	90.9	91.3	91.3	91.4	91.5	91.7	91.8
≥ 4500	39.2	82.9	86.9	88.8	89.5	89.8	90.6	91.0	91.2	91.2	91.6	91.6	91.7	91.8	92.0	92.2
≥ 4000	39.4	83.3	87.3	89.2	90.0	90.3	91.2	91.5	91.7	91.7	92.2	92.2	92.3	92.4	92.6	92.7
≥ 3500	39.4	83.8	87.7	89.7	90.5	91.1	91.9	92.3	92.5	92.5	92.9	92.9	93.0	93.1	93.3	93.4
≥ 3000	39.4	83.9	88.0	89.9	90.8	91.3	92.2	92.5	92.7	92.7	93.1	93.1	93.2	93.3	93.5	93.7
≥ 2500	39.4	83.9	88.1	90.0	90.9	91.4	92.3	92.6	92.8	92.8	93.2	93.2	93.3	93.4	93.7	93.8
≥ 2000	39.4	84.0	88.2	90.1	91.0	91.5	92.4	92.7	92.9	92.9	93.3	93.3	93.4	93.5	93.8	93.9
≥ 1800	39.4	84.1	88.3	90.2	91.1	91.6	92.5	92.8	93.0	93.0	93.4	93.4	93.5	93.7	93.9	94.0
≥ 1500	39.4	84.3	88.5	90.4	91.3	91.8	92.7	93.0	93.2	93.2	93.7	93.7	93.8	93.9	94.1	94.2
≥ 1200	39.6	84.5	88.8	90.8	91.6	92.2	93.0	93.3	93.5	93.5	94.0	94.0	94.1	94.2	94.4	94.5
≥ 1000	39.7	84.8	89.2	91.2	92.2	92.8	93.7	94.0	94.2	94.2	94.6	94.6	94.7	94.8	95.1	95.2
≥ 900	39.8	84.9	89.4	91.3	92.3	92.9	93.8	94.1	94.3	94.3	94.7	94.7	94.8	94.9	95.2	95.3
≥ 800	39.8	85.1	89.5	91.4	92.4	93.0	93.9	94.2	94.4	94.4	94.8	94.8	94.9	95.1	95.3	95.4
≥ 700	39.8	85.1	89.5	91.5	92.5	93.1	94.0	94.3	94.5	94.5	94.9	94.9	95.1	95.2	95.5	95.6
≥ 600	39.8	85.1	89.5	91.6	92.6	93.2	94.1	94.4	94.6	94.6	95.1	95.1	95.2	95.3	95.6	95.7
≥ 500	39.8	85.1	89.5	91.7	92.8	93.4	94.3	94.6	94.8	94.8	95.3	95.3	95.4	95.5	95.8	95.9
≥ 400	40.0	85.7	90.1	92.5	93.5	94.2	95.1	95.4	95.6	95.6	96.2	96.2	96.3	96.5	96.8	96.9
≥ 300	40.0	85.7	90.1	92.6	93.9	94.6	95.6	95.9	96.1	96.6	97.1	97.1	97.2	97.3	97.6	97.7
≥ 200	40.0	85.7	90.1	92.6	93.9	94.7	95.8	96.2	96.5	97.2	98.0	98.0	98.2	98.3	99.0	99.2
≥ 100	40.0	85.7	90.1	92.6	93.9	94.7	95.8	96.2	96.5	97.3	98.1	98.1	98.4	98.5	99.2	99.5
≥ 0	40.0	85.7	90.1	92.6	93.9	94.7	95.8	96.2	96.5	97.3	98.1	98.1	98.6	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3851
STATION

FT RUCKER AL

STATION NAME

69-70, 73-87

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	19.3	52.6	58.2	63.0	67.2	69.6	70.9	71.9	72.8	73.2	74.0	74.0	74.4	74.4	75.3	76.0
≥ 20000	19.8	54.5	60.6	65.7	70.3	72.9	74.2	75.3	76.3	76.7	77.5	77.5	78.0	78.0	79.1	80.1
≥ 18000	19.8	54.5	60.6	65.7	70.3	72.9	74.2	75.3	76.3	76.7	77.5	77.5	78.0	78.0	79.1	80.1
≥ 16000	19.8	54.5	60.6	65.7	70.3	72.9	74.2	75.3	76.3	76.7	77.5	77.5	78.0	78.0	79.1	80.1
≥ 14000	19.8	54.5	60.6	65.7	70.3	72.9	74.2	75.3	76.3	76.7	77.5	77.5	78.0	78.0	79.1	80.1
≥ 12000	19.9	54.7	60.8	66.1	70.7	73.3	74.7	75.9	76.9	77.3	78.1	78.1	78.9	78.9	80.0	80.9
≥ 10000	20.1	55.7	62.0	67.4	72.2	74.8	76.3	77.6	78.6	79.0	80.0	80.0	80.8	80.9	82.0	83.0
≥ 9000	20.1	55.8	62.1	67.5	72.3	74.9	76.4	77.7	78.7	79.1	80.1	80.1	80.9	81.1	82.1	83.1
≥ 8000	21.0	57.7	64.0	69.4	74.3	76.9	78.5	79.8	80.7	81.2	82.1	82.1	83.1	83.2	84.3	85.3
≥ 7000	21.0	57.8	64.3	69.6	74.7	77.3	79.0	80.4	81.4	81.8	82.8	82.8	83.7	83.9	84.9	85.9
≥ 6000	21.0	57.9	64.4	69.8	74.8	77.4	79.1	80.5	81.5	81.9	82.9	82.9	83.9	84.0	85.0	86.0
≥ 5000	21.0	58.0	64.5	70.0	75.0	77.6	79.3	80.7	81.7	82.1	83.1	83.1	84.1	84.2	85.4	86.3
≥ 4500	21.0	58.0	64.6	70.1	75.1	77.7	79.4	80.8	81.8	82.2	83.2	83.2	84.2	84.3	85.5	86.4
≥ 4000	21.0	58.1	64.7	70.2	75.3	77.9	79.7	81.1	82.0	82.6	83.5	83.5	84.5	84.6	85.8	86.8
≥ 3500	21.0	58.1	64.7	70.2	75.3	77.9	79.7	81.1	82.0	82.6	83.5	83.5	84.5	84.6	85.8	86.8
≥ 3000	21.1	58.3	64.9	70.5	75.7	78.3	80.0	81.4	82.3	82.9	83.9	83.9	84.8	84.9	86.1	87.1
≥ 2500	21.1	58.6	65.1	70.7	75.9	78.5	80.2	81.6	82.6	83.1	84.1	84.1	85.0	85.1	86.3	87.3
≥ 2000	21.3	59.1	65.8	71.4	76.6	79.2	80.9	82.3	83.3	83.9	84.8	84.8	85.8	85.9	87.1	88.1
≥ 1800	21.3	59.1	65.8	71.4	76.6	79.2	80.9	82.3	83.3	83.9	84.8	84.8	85.8	85.9	87.1	88.1
≥ 1500	21.3	59.2	65.9	71.6	76.9	79.4	81.2	82.6	83.5	84.1	85.0	85.0	86.0	86.1	87.3	88.3
≥ 1200	21.5	59.4	66.1	71.8	77.0	79.7	81.4	82.9	83.9	84.4	85.4	85.4	86.3	86.4	87.6	88.6
≥ 1000	22.0	60.2	66.8	72.7	78.0	80.6	82.3	84.0	85.0	85.6	86.7	86.7	87.6	87.7	88.9	89.9
≥ 900	22.1	60.4	67.1	72.9	78.4	80.9	82.7	84.3	85.4	85.9	87.0	87.0	88.1	88.2	89.3	90.3
≥ 800	22.1	60.6	67.4	73.2	78.8	81.4	83.1	84.7	85.8	86.3	87.4	87.4	88.5	88.6	89.8	90.7
≥ 700	22.1	60.9	67.8	73.7	79.3	81.9	83.6	85.3	86.3	86.9	87.9	87.9	89.0	89.1	90.3	91.3
≥ 600	22.1	61.1	68.0	74.0	79.5	82.2	84.0	85.6	86.7	87.2	88.3	88.3	89.3	89.5	90.6	91.6
≥ 500	22.1	61.2	68.4	74.4	80.2	82.9	84.7	86.3	87.4	87.9	89.0	89.0	90.2	90.3	91.5	92.5
≥ 400	22.1	61.7	68.9	75.1	81.3	84.1	85.9	87.8	88.9	89.5	90.6	90.6	92.0	92.1	93.3	94.4
≥ 300	22.1	61.8	69.0	75.3	81.6	84.4	86.3	88.5	89.9	90.6	91.8	91.8	93.3	93.4	94.6	95.9
≥ 200	22.1	61.8	69.0	75.3	81.8	84.6	86.7	89.2	90.6	91.5	93.1	93.1	94.7	94.8	96.2	97.6
≥ 100	22.1	61.8	69.0	75.3	81.8	84.6	86.8	89.3	90.7	91.7	93.2	93.2	95.3	95.5	97.2	99.0
≥ 0	22.1	61.8	69.0	75.3	81.8	84.6	86.8	89.3	90.7	91.7	93.2	93.2	95.4	95.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13851
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	7.7	38.8	46.2	52.7	57.5	59.2	60.1	61.0	61.5	61.8	62.4	62.4	63.0	63.0	63.3	64.7
≥ 20000	8.3	42.9	51.3	58.2	63.0	64.8	66.0	67.4	68.2	68.7	69.4	69.4	69.4	70.1	70.4	71.4
≥ 18000	8.3	42.9	51.5	58.4	63.2	65.1	66.2	67.6	68.4	68.9	69.6	69.6	69.6	70.3	70.3	71.6
IV 16000	8.3	42.9	51.5	58.4	63.2	65.1	66.2	67.6	68.4	68.9	69.6	69.6	69.6	70.3	70.3	71.6
IV 14000	8.3	43.2	51.8	58.7	63.5	65.4	66.6	68.0	68.7	69.2	69.9	69.9	69.9	70.6	70.6	71.9
IV 12000	8.5	44.0	52.8	59.8	64.9	66.8	68.2	69.6	70.3	71.0	71.7	71.7	71.7	72.5	72.5	73.8
IV 10000	8.7	45.2	54.1	61.7	67.3	69.5	71.0	72.7	73.9	74.6	75.4	75.4	75.4	76.1	76.2	77.6
IV 9000	8.7	45.4	54.3	61.9	67.5	69.7	71.2	72.9	74.1	74.9	75.6	75.6	75.6	76.3	76.5	77.8
IV 8000	9.0	46.9	55.8	63.5	69.2	71.4	73.0	74.7	75.9	76.7	77.4	77.4	77.4	78.2	78.3	79.7
IV 7000	9.4	47.6	56.6	64.4	70.1	72.3	73.9	75.6	76.8	77.5	78.4	78.4	78.4	79.1	79.2	80.6
IV 6000	9.6	48.0	56.9	64.7	70.4	72.6	74.2	75.9	77.1	77.8	78.7	78.7	78.7	79.5	79.6	81.0
IV 5000	9.6	48.0	56.9	64.7	70.5	72.7	74.3	76.0	77.3	78.1	78.9	78.9	78.9	79.7	79.8	81.2
IV 4500	9.6	48.0	57.1	64.9	70.8	72.9	74.5	76.2	77.5	78.3	79.1	79.1	79.1	79.9	80.0	81.4
IV 4000	9.7	48.1	57.2	65.2	71.1	73.2	74.9	76.8	78.1	78.8	79.7	79.7	79.7	80.4	80.5	81.9
IV 3500	9.7	48.1	57.2	65.2	71.1	73.2	74.9	76.8	78.1	78.8	79.7	79.7	79.7	80.4	80.5	81.9
IV 3000	9.8	48.2	57.4	65.4	71.4	73.5	75.3	77.1	78.4	79.1	80.0	80.0	80.0	80.9	81.2	82.3
IV 2500	9.8	48.3	57.5	65.5	71.5	73.8	75.5	77.3	78.6	79.4	80.2	80.2	80.2	81.0	81.1	82.5
IV 2000	9.9	48.6	58.0	66.0	72.0	74.3	76.0	77.8	79.1	79.9	80.8	80.8	80.8	81.5	81.6	83.0
IV 1800	9.9	48.6	58.0	66.0	72.0	74.3	76.0	77.8	79.1	79.9	80.8	80.8	80.8	81.5	81.6	83.0
IV 1500	9.9	49.0	58.4	66.6	72.6	74.8	76.7	78.5	79.8	80.5	81.4	81.4	81.4	82.2	82.3	83.7
IV 1200	9.9	49.1	58.7	66.9	73.0	75.4	77.2	79.0	80.3	81.1	81.9	81.9	81.9	82.7	82.8	84.2
IV 1000	10.2	50.9	60.5	68.9	75.1	77.4	79.2	81.1	82.4	83.2	84.1	84.1	84.1	84.8	84.9	86.3
IV 900	10.3	51.4	61.1	69.6	75.9	78.4	80.2	82.2	83.4	84.3	85.2	85.2	85.2	85.9	86.7	87.4
IV 800	10.3	52.4	62.2	70.8	77.3	79.8	81.6	83.5	84.8	85.7	86.6	86.6	86.6	87.3	87.4	88.8
IV 700	10.3	52.7	62.7	71.4	78.0	80.5	82.5	84.5	85.9	86.8	87.6	87.6	87.6	88.4	88.5	89.9
IV 600	10.3	53.2	63.3	72.2	78.9	81.6	83.5	85.6	87.0	87.8	88.8	88.8	88.8	89.6	89.7	91.1
IV 500	10.4	53.7	64.1	72.9	79.9	82.7	84.7	86.8	88.2	89.0	90.0	90.0	90.0	90.9	91.0	92.4
IV 400	10.4	54.1	64.8	73.7	80.8	83.5	85.8	88.3	89.8	91.1	91.9	91.9	91.9	92.8	92.9	94.3
IV 300	10.4	54.2	65.3	74.2	81.9	84.7	87.2	89.7	91.4	92.8	94.0	94.0	94.0	95.1	95.2	96.7
IV 200	10.4	54.2	65.3	74.2	81.9	84.7	87.5	90.0	91.6	93.4	95.1	95.1	95.1	96.7	96.8	98.9
IV 100	10.4	54.2	65.3	74.2	81.9	84.7	87.6	90.1	92.0	93.7	95.3	95.3	95.3	97.0	97.1	99.9
IV 0	10.4	54.2	65.3	74.2	81.9	84.7	87.6	90.1	92.0	93.7	95.3	95.3	95.3	97.0	97.1	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13550
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	18.1	57.1	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	21.2	68.1	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000	21.2	68.2	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	21.2	68.2	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	21.2	68.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	21.5	71.0	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	23.3	74.6	77.3	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	23.3	74.6	77.3	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	23.9	76.5	79.1	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	24.0	77.2	80.1	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	24.0	77.2	80.1	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	24.0	77.2	80.1	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	24.0	77.3	80.2	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	24.1	78.3	81.2	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	24.2	78.7	81.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	24.3	80.3	83.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	24.8	82.8	85.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	25.7	85.2	88.3	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	26.1	86.0	89.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	27.0	89.0	92.3	93.2	93.4	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	27.4	90.3	94.1	95.2	95.4	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	27.7	91.2	94.9	96.2	96.5	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	28.7	91.6	95.6	96.9	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	29.0	92.2	96.1	97.4	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	28.3	92.7	96.8	98.3	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	28.4	93.0	97.1	98.6	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	28.4	93.1	97.2	98.7	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	28.4	93.1	97.2	98.8	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	28.4	93.1	97.2	98.8	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	28.4	93.1	97.2	98.8	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	28.4	93.1	97.2	98.8	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	28.4	93.1	97.2	98.8	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	20.4	52.9	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	24.4	67.4	68.2	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	24.4	67.4	68.2	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	24.4	67.4	68.2	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	24.6	68.1	69.8	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	25.3	71.0	71.8	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	27.1	75.8	77.0	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	27.3	76.2	77.4	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 8000	28.5	79.7	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	28.9	80.6	82.0	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	28.9	80.6	82.0	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	29.7	81.5	82.9	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4500	29.1	82.2	83.5	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	30.4	86.2	87.8	88.3	88.6	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	31.2	88.2	89.8	90.3	90.6	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	32.0	90.9	92.6	93.1	93.4	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	32.9	92.9	94.9	95.7	96.1	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 2000	33.0	93.4	95.6	96.5	96.9	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 1800	33.1	93.5	95.7	96.6	97.0	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 1500	33.2	94.2	96.3	97.5	98.0	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 1200	33.3	94.3	96.6	97.7	98.2	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 1000	33.7	94.7	97.0	98.2	98.6	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 900	33.8	94.8	97.1	98.3	98.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 800	33.8	94.8	97.1	98.3	98.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 700	33.8	94.9	97.2	98.4	98.9	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 600	33.8	94.9	97.2	98.4	98.9	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 500	33.8	94.9	97.2	98.4	98.9	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 400	33.8	94.9	97.2	98.4	98.9	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300	33.8	94.9	97.2	98.4	98.9	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	33.8	94.9	97.2	98.4	98.9	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	33.8	94.9	97.2	98.4	98.9	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	33.8	94.9	97.2	98.4	98.9	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.5	≥1.1	≥1	≥.7	≥.5	≥.3	≥.16	≥.1	≥0
NO CEILING	21.3	48.7	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	29.4	71.8	71.5	71.5	71.7	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	29.4	71.8	71.5	71.5	71.7	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 16000	29.4	71.8	71.5	71.5	71.7	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000	29.8	71.7	72.5	72.5	72.7	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 12000	30.3	74.3	75.3	75.5	75.9	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 10000	32.9	81.3	82.4	82.6	83.0	83.0	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 9000	33.3	82.2	83.2	83.4	83.9	83.9	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	34.2	86.1	87.2	87.4	87.8	87.8	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 7000	34.5	87.6	88.7	88.9	89.4	89.4	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	34.9	88.3	89.4	89.6	90.0	90.0	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 5000	35.2	88.8	90.0	90.2	90.6	90.6	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	35.4	89.8	91.1	91.2	91.6	91.6	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 4000	35.6	91.7	93.1	93.7	94.2	94.2	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	36.7	92.7	94.1	94.6	95.2	95.2	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 3000	36.2	93.5	95.1	95.7	96.5	96.5	96.6	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	36.5	94.3	95.9	96.9	97.6	97.6	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2000	36.7	94.5	96.1	97.2	98.1	98.1	98.1	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	36.7	94.5	96.1	97.2	98.1	98.1	98.2	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	36.7	94.6	96.2	97.3	98.2	98.2	98.3	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	36.8	94.8	96.5	97.5	98.5	98.5	98.7	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	36.9	94.9	96.6	97.6	98.6	98.6	98.8	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	36.9	95.1	96.7	97.7	98.7	98.7	98.9	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	36.9	95.2	96.8	97.8	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	36.9	95.2	96.8	97.8	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	36.9	95.2	96.8	97.8	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	36.9	95.2	96.8	97.8	98.8	98.8	99.0	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	36.9	95.2	96.8	97.8	98.8	98.8	99.0	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	36.9	95.2	96.8	97.8	98.8	98.8	99.0	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	36.9	95.2	96.8	97.8	98.8	98.8	99.0	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	36.9	95.2	96.8	97.8	98.8	98.8	99.0	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	36.9	95.2	96.8	97.8	98.8	98.8	99.0	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2600
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	25.3	46.3	47.3	47.7	47.8	47.8	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥20000	34.4	72.2	73.5	74.2	74.3	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥18000	34.4	72.2	73.5	74.2	74.3	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥16000	34.4	72.3	73.7	74.3	74.4	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥14000	34.5	73.0	74.5	75.2	75.3	75.3	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥12000	34.7	74.3	75.9	77.1	77.3	77.3	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥10000	37.4	80.5	82.6	83.8	84.1	84.1	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥9000	37.7	81.4	83.4	84.6	84.9	84.9	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥8000	39.1	85.7	88.1	89.2	89.6	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥7000	39.7	86.6	88.9	90.1	90.4	90.4	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥6000	40.0	87.1	89.5	90.6	91.0	91.0	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥5000	40.0	88.2	90.6	91.9	92.3	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥4500	40.3	88.4	91.1	92.3	92.7	92.7	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥4000	41.5	90.8	93.4	94.7	95.3	95.3	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥3500	40.8	91.5	94.4	95.7	96.2	96.2	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥3000	41.1	92.3	95.5	96.8	97.4	97.4	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥2500	41.2	92.6	95.8	97.3	98.0	98.0	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥2000	41.2	92.7	95.9	97.5	98.3	98.3	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥1800	41.2	92.8	96.0	97.6	98.4	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥1500	41.2	92.8	96.0	97.6	98.4	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥1200	41.2	92.8	96.0	97.6	98.4	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥1000	41.2	92.9	96.1	97.7	98.5	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥900	41.2	93.0	96.2	97.8	98.6	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥800	41.2	93.2	96.6	98.2	98.9	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥700	41.2	93.4	96.8	98.4	99.1	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥600	41.2	93.4	96.8	98.4	99.1	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥500	41.2	93.4	96.8	98.4	99.1	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥400	41.2	93.5	96.9	98.6	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	41.2	93.5	96.9	98.6	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	41.2	93.5	96.9	98.6	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	41.2	93.5	96.9	98.6	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	41.2	93.5	96.9	98.6	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13250
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.1	68.5	69.2	70.3	70.9	70.9	71.0	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4
≥ 20000	42.7	80.4	81.7	82.8	83.4	83.4	83.5	83.8	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1
≥ 18000	42.7	80.4	81.7	82.8	83.4	83.4	83.5	83.8	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1
≥ 16000	42.7	80.4	81.7	82.8	83.4	83.4	83.5	83.8	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1
≥ 14000	42.8	80.5	81.8	82.9	83.5	83.5	83.7	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 12000	42.9	81.2	82.5	83.8	84.4	84.4	84.5	84.7	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.1
≥ 10000	44.7	84.2	85.7	87.1	87.7	87.7	87.8	88.1	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4
≥ 9000	45.1	84.5	86.7	87.4	88.1	88.1	88.2	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7
≥ 8000	46.3	87.5	89.2	90.6	91.4	91.4	91.5	91.7	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0
≥ 7000	46.5	88.0	89.7	91.1	91.8	91.8	91.9	92.2	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.5
≥ 6000	46.5	88.1	89.8	91.2	91.9	91.9	92.0	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6
≥ 5000	46.5	88.4	90.1	91.5	92.3	92.3	92.4	92.6	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9
≥ 4500	46.8	89.0	90.8	92.2	92.9	92.9	93.0	93.2	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5
≥ 4000	47.2	90.6	92.5	93.9	94.5	94.6	94.7	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.7
≥ 3500	47.4	91.1	92.9	94.3	95.1	95.1	95.2	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7
≥ 3000	47.5	91.4	93.2	94.6	95.5	95.5	95.6	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 2500	47.6	91.7	93.5	94.9	95.9	95.9	96.0	96.2	96.2	96.3	96.5	96.5	96.6	96.6	96.6	96.6
≥ 2000	47.7	92.2	94.7	95.4	96.3	96.3	96.5	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1800	47.7	92.2	94.7	95.4	96.3	96.3	96.5	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1500	47.7	92.2	94.7	95.4	96.3	96.3	96.5	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1200	47.8	92.3	94.1	95.6	96.6	96.6	96.7	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1000	48.0	92.4	94.2	95.7	96.7	96.7	96.8	97.0	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3
≥ 900	48.0	92.5	94.3	95.8	96.8	96.8	96.9	97.1	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 800	48.1	92.7	94.5	96.0	97.0	97.0	97.1	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6
≥ 700	48.0	92.7	94.5	96.0	97.0	97.0	97.1	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6
≥ 600	48.2	92.8	94.6	96.1	97.1	97.1	97.2	97.4	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8
≥ 500	48.1	93.4	95.3	96.8	97.7	97.7	97.8	98.1	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.6
≥ 400	48.1	93.5	95.4	96.9	97.8	98.0	98.1	98.3	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.8
≥ 300	48.1	93.7	95.5	97.1	98.1	98.2	98.3	98.5	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2
≥ 200	48.1	93.7	95.5	97.1	98.1	98.4	98.5	98.8	99.0	99.2	99.6	99.6	99.7	99.7	99.7	99.8
≥ 100	48.1	93.7	95.5	97.1	98.1	98.4	98.5	98.8	99.0	99.2	99.6	99.6	99.7	99.7	99.7	99.9
≥ 0	48.1	93.7	95.5	97.1	98.1	98.4	98.5	98.8	99.0	99.2	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1850
STATION

FT PUCKER AL

STATION NAME

69-70, 73-80

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	23.0	54.7	57.3	59.2	60.5	61.0	61.4	61.7	62.0	62.1	62.3	62.3	62.5	62.5	62.6	62.8
≥ 20000	27.1	66.8	69.8	71.9	73.2	73.8	74.3	74.7	75.0	75.1	75.3	75.3	75.5	75.5	75.7	76.0
≥ 18000	27.1	66.8	69.9	71.9	73.3	73.9	74.3	74.7	75.0	75.1	75.4	75.4	75.6	75.6	75.8	76.0
≥ 16000	27.1	66.8	69.9	71.9	73.3	73.9	74.3	74.7	75.0	75.1	75.4	75.4	75.6	75.6	75.8	76.0
≥ 14000	27.2	67.2	70.3	72.3	73.7	74.3	74.8	75.2	75.4	75.6	75.8	75.8	76.0	76.0	76.2	76.5
≥ 12000	27.6	68.6	71.9	74.1	75.5	76.1	76.6	77.0	77.3	77.4	77.7	77.7	77.9	77.9	78.1	78.4
≥ 10000	29.0	72.2	75.6	77.9	79.5	80.1	80.7	81.2	81.5	81.7	81.9	81.9	82.2	82.2	82.4	82.7
≥ 9000	29.2	72.5	75.9	78.3	79.8	80.5	81.0	81.5	81.9	82.0	82.3	82.3	82.5	82.6	82.8	83.0
≥ 8000	30.1	75.2	78.8	81.1	82.7	83.4	83.9	84.4	84.8	84.9	85.2	85.2	85.4	85.5	85.7	86.0
≥ 7000	30.3	75.9	79.5	81.9	83.5	84.2	84.8	85.3	85.6	85.8	86.1	86.1	86.3	86.3	86.5	86.8
≥ 6000	30.5	76.2	79.8	82.2	83.8	84.4	85.0	85.5	85.9	86.0	86.3	86.3	86.6	86.6	86.8	87.1
≥ 5000	30.5	76.6	80.2	82.6	84.3	84.9	85.5	86.0	86.4	86.6	86.8	86.8	87.1	87.1	87.3	87.6
≥ 4500	30.7	76.9	80.6	83.0	84.7	85.4	86.0	86.4	86.8	87.0	87.3	87.3	87.5	87.5	87.8	88.0
≥ 4000	31.0	78.4	82.2	84.6	86.4	87.1	87.7	88.2	88.6	88.7	89.0	89.0	89.3	89.3	89.5	89.8
≥ 3500	31.2	79.0	82.8	85.3	87.1	87.8	88.4	89.0	89.3	89.5	89.8	89.8	90.0	90.1	90.3	90.5
≥ 3000	31.4	79.6	83.7	86.3	88.1	88.8	89.4	90.0	90.3	90.5	90.8	90.8	91.1	91.1	91.3	91.6
≥ 2500	31.6	80.6	84.6	87.2	89.1	89.8	90.4	91.0	91.3	91.5	91.8	91.8	92.1	92.1	92.3	92.6
≥ 2000	31.8	81.2	85.2	87.9	89.8	90.5	91.2	91.7	92.1	92.2	92.6	92.6	92.8	92.8	93.1	93.3
≥ 1800	31.9	81.4	85.4	88.1	90.0	90.7	91.3	91.9	92.2	92.4	92.7	92.7	93.0	93.0	93.2	93.5
≥ 1500	32.0	81.9	86.0	88.7	90.6	91.3	92.0	92.6	92.9	93.1	93.4	93.4	93.7	93.7	93.9	94.2
≥ 1200	32.2	82.2	86.4	89.1	91.1	91.8	92.5	93.1	93.4	93.6	93.9	93.9	94.2	94.2	94.4	94.7
≥ 1000	32.4	82.8	86.9	89.8	91.8	92.5	93.2	93.8	94.1	94.4	94.7	94.7	94.9	95.0	95.2	95.5
≥ 900	32.5	83.0	87.2	90.0	92.1	92.8	93.5	94.1	94.5	94.7	95.0	95.0	95.3	95.3	95.6	95.9
≥ 800	32.5	83.3	87.5	90.4	92.5	93.3	93.9	94.5	94.9	95.1	95.4	95.4	95.7	95.7	96.0	96.3
≥ 700	32.5	83.5	87.8	90.7	92.8	93.6	94.3	94.9	95.3	95.5	95.8	95.8	96.1	96.1	96.4	96.6
≥ 600	32.5	83.6	87.9	90.9	93.0	93.8	94.5	95.1	95.5	95.7	96.1	96.1	96.4	96.4	96.6	96.9
≥ 500	32.6	83.8	88.1	91.1	93.4	94.2	94.9	95.5	95.9	96.1	96.5	96.5	96.8	96.8	97.1	97.3
≥ 400	32.6	84.0	88.4	91.5	93.7	94.6	95.3	96.1	96.5	96.8	97.1	97.1	97.5	97.5	97.8	98.0
≥ 300	32.6	84.0	88.5	91.6	94.0	94.9	95.7	96.4	96.9	97.3	97.7	97.7	98.1	98.1	98.4	98.7
≥ 200	32.6	84.0	88.5	91.6	94.0	94.9	95.8	96.6	97.1	97.6	98.1	98.1	98.6	98.7	99.0	99.4
≥ 100	32.6	84.0	88.5	91.6	94.0	94.9	95.8	96.7	97.2	97.7	98.2	98.2	98.8	98.8	99.3	99.8
≥ 0	32.6	84.0	88.5	91.6	94.0	94.9	95.8	96.7	97.2	97.7	98.2	98.2	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
13550

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	29.3	63.3	67.1	68.8	70.1	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.6
≥ 20000	31.4	67.7	71.7	73.7	75.3	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 18000	31.4	67.7	71.7	73.7	75.3	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 16000	31.4	67.7	71.7	73.7	75.3	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 14000	31.8	68.0	72.0	74.0	75.7	75.9	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2
≥ 12000	31.9	69.3	73.3	75.3	77.0	77.2	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6
≥ 10000	32.3	72.8	77.1	79.3	81.0	81.2	81.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 9000	32.8	73.0	77.3	79.6	81.2	81.4	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 8000	33.2	74.7	79.0	81.4	83.4	83.7	83.9	83.9	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.4
≥ 7000	33.4	75.1	79.4	81.9	83.9	84.2	84.4	84.4	84.6	84.7	84.7	84.9	84.9	84.9	84.9	85.0
≥ 6000	33.4	76.2	80.6	83.0	85.1	85.4	85.7	85.7	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.2
≥ 5000	33.9	77.1	81.4	83.9	86.0	86.3	86.6	86.6	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.1
≥ 4500	34.0	77.4	81.8	84.3	86.4	86.8	87.0	87.0	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.6
≥ 4000	34.0	77.4	81.8	84.3	86.4	86.8	87.0	87.0	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.7
≥ 3500	34.3	77.9	82.3	84.9	87.0	87.3	87.6	87.6	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.2
≥ 3000	34.6	78.4	83.1	85.8	87.9	88.2	88.4	88.4	88.6	88.7	88.7	88.9	88.9	88.9	88.9	89.1
≥ 2500	34.7	78.6	83.2	86.0	88.1	88.4	88.7	88.7	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.3
≥ 2000	34.9	79.1	83.8	86.6	88.7	89.0	89.2	89.2	89.3	89.4	89.4	89.7	89.7	89.7	89.7	89.9
≥ 1800	35.1	79.6	84.3	87.1	89.2	89.6	89.8	89.8	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.4
≥ 1500	35.4	80.1	84.9	87.7	89.8	90.1	90.3	90.3	90.4	90.6	90.6	90.8	90.8	90.8	90.8	91.0
≥ 1200	35.4	80.3	85.1	88.0	90.1	90.4	90.7	90.7	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.3
≥ 1000	35.7	80.7	85.4	88.3	90.4	90.8	91.0	91.0	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.7
≥ 900	36.0	81.4	86.2	89.1	91.2	91.6	91.8	91.8	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.4
≥ 800	36.3	81.9	86.9	89.8	91.9	92.2	92.6	92.6	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.2
≥ 700	36.6	82.4	87.6	90.7	92.8	93.1	93.4	93.4	93.6	93.7	93.7	93.9	93.9	93.9	93.9	94.1
≥ 600	36.9	83.2	88.4	91.6	93.7	94.0	94.3	94.3	94.4	94.6	94.6	94.8	94.8	94.8	94.8	95.0
≥ 500	36.7	83.8	89.4	92.8	94.9	95.2	95.6	95.6	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.2
≥ 400	37.3	84.8	90.4	94.0	96.2	96.6	96.9	96.9	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.6
≥ 300	37.3	84.9	90.6	94.1	96.3	96.8	97.1	97.1	97.2	97.4	97.4	97.7	97.7	97.7	97.7	98.0
≥ 200	37.3	84.9	90.6	94.3	96.7	97.1	97.6	97.6	97.9	98.1	98.2	98.4	98.6	98.6	98.6	98.9
≥ 100	37.3	84.9	90.6	94.3	96.8	97.2	97.7	97.7	98.0	98.2	98.3	98.7	98.8	98.8	98.8	99.6
≥ 0	37.3	84.9	90.6	94.3	96.8	97.2	97.7	97.7	98.0	98.2	98.4	98.8	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13550
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	21.1	49.3	54.9	59.2	62.4	63.8	64.8	65.6	66.0	66.1	66.2	66.3	67.1	67.1	67.3	67.9
≥ 20000	21.4	51.3	57.2	61.8	65.2	66.6	67.6	68.3	68.9	69.0	69.1	69.2	70.0	70.0	70.3	71.1
≥ 18000	21.7	51.6	57.4	62.0	65.4	66.8	67.8	68.6	69.1	69.2	69.3	69.4	70.2	70.2	70.6	71.3
≥ 16000	21.7	51.6	57.4	62.0	65.4	66.8	67.8	68.6	69.1	69.2	69.3	69.4	70.2	70.2	70.6	71.3
≥ 14000	21.7	51.6	57.4	62.0	65.4	66.8	67.8	68.6	69.1	69.2	69.3	69.4	70.2	70.2	70.6	71.3
≥ 12000	21.9	52.7	58.6	63.1	66.6	67.9	68.9	69.7	70.2	70.3	70.4	70.6	71.3	71.3	71.7	72.4
≥ 10000	22.0	53.9	60.1	64.7	68.2	69.7	70.7	71.4	72.1	72.2	72.3	72.4	73.2	73.2	73.6	74.3
≥ 9000	22.0	53.9	60.2	64.8	68.3	69.8	70.8	71.6	72.2	72.3	72.4	72.6	73.3	73.3	73.7	74.4
≥ 8000	23.1	56.1	62.4	67.1	70.9	72.4	73.6	74.4	75.2	75.3	75.6	75.9	76.7	76.7	77.0	77.8
≥ 7000	23.1	56.1	62.6	67.2	71.0	72.6	73.7	74.6	75.3	75.4	75.7	76.0	76.8	76.8	77.1	77.9
≥ 6000	23.1	56.8	63.2	67.9	71.7	73.2	74.3	75.2	76.0	76.1	76.3	76.7	77.4	77.4	77.8	78.6
≥ 5000	23.7	57.9	64.3	69.0	72.8	74.3	75.4	76.3	77.1	77.2	77.4	77.8	78.6	78.6	78.9	79.7
≥ 4500	23.7	58.2	64.9	69.6	73.3	74.9	76.0	76.9	77.7	77.8	78.0	78.3	79.1	79.1	79.4	80.2
≥ 4000	23.7	58.3	65.2	70.1	73.9	75.4	76.6	77.4	78.2	78.3	78.6	78.9	79.7	79.7	80.0	80.8
≥ 3500	23.7	58.4	65.3	70.2	74.0	75.6	76.7	77.6	78.3	78.4	78.7	79.0	79.8	79.8	80.1	80.9
≥ 3000	23.7	59.1	66.1	71.0	74.8	76.3	77.4	78.3	79.1	79.2	79.4	79.8	80.6	80.6	80.9	81.7
≥ 2500	24.1	59.8	66.8	71.7	75.4	77.0	78.1	79.0	79.8	79.9	80.1	80.4	81.2	81.2	81.6	82.3
≥ 2000	24.1	60.1	67.1	72.1	75.9	77.4	78.6	79.4	80.2	80.3	80.6	80.9	81.8	81.8	82.1	82.9
≥ 1800	24.1	60.2	67.2	72.2	76.0	77.6	78.7	79.6	80.3	80.4	80.7	81.0	81.9	81.9	82.2	83.0
≥ 1500	24.3	60.6	67.6	72.6	76.4	78.0	79.1	80.0	80.8	80.9	81.1	81.4	82.3	82.3	82.7	83.4
≥ 1200	24.9	62.1	69.1	74.1	78.0	79.6	80.7	81.6	82.4	82.6	82.8	83.1	84.0	84.0	84.3	85.1
≥ 1000	25.3	62.9	70.1	75.1	79.0	80.6	81.7	82.6	83.4	83.6	83.8	84.1	85.0	85.0	85.3	86.1
≥ 900	25.3	62.9	70.4	75.4	79.3	81.0	82.1	83.0	83.9	84.0	84.2	84.6	85.4	85.4	85.8	86.6
≥ 800	25.4	64.1	72.0	77.0	81.0	82.7	83.8	84.8	85.7	85.8	86.0	86.3	87.2	87.2	87.6	88.3
≥ 700	26.2	64.9	72.8	78.2	82.2	83.9	85.0	86.0	86.9	87.0	87.2	87.6	88.4	88.4	88.8	89.6
≥ 600	27.0	66.1	74.2	79.7	83.8	85.6	86.7	87.7	88.6	88.7	88.9	89.2	90.1	90.1	90.4	91.2
≥ 500	27.0	67.8	76.1	82.4	86.6	88.3	89.4	90.6	91.4	91.6	91.8	92.1	93.0	93.1	93.4	94.2
≥ 400	27.0	68.0	76.4	83.1	87.3	89.1	90.4	91.6	92.4	92.6	92.8	93.1	94.0	94.1	94.6	95.3
≥ 300	27.1	68.1	76.7	83.3	87.6	89.3	90.8	91.9	92.8	92.9	93.3	93.7	94.6	94.7	95.3	96.1
≥ 200	27.1	68.1	76.7	83.3	88.1	89.9	91.6	92.8	94.0	94.1	94.5	94.9	95.9	96.1	97.1	97.9
≥ 100	27.1	68.1	76.8	83.4	88.3	90.1	91.8	93.1	94.3	94.4	94.9	95.2	96.3	96.5	97.6	98.7
≥ 0	27.1	68.1	76.8	83.4	88.3	90.1	91.8	93.1	94.3	94.4	94.9	95.2	96.4	96.4	97.8	98.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3850
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥¼	≥0
NO CEILING	9.5	33.7	40.8	44.7	49.5	51.2	52.4	53.4	54.1	54.4	55.1	55.1	55.6	55.8	56.4	56.6
≥ 20000	10.0	37.8	45.9	50.3	55.4	57.4	58.7	60.1	60.7	61.2	61.8	61.8	62.4	62.6	63.2	63.4
≥ 18000	10.0	37.8	45.9	50.3	55.4	57.4	58.7	60.1	60.7	61.2	61.8	61.8	62.4	62.6	63.2	63.4
≥ 16000	10.0	37.8	45.9	50.3	55.4	57.4	58.7	60.1	60.7	61.2	61.8	61.8	62.4	62.6	63.2	63.4
≥ 14000	10.0	37.9	46.1	50.4	55.5	57.5	58.8	60.2	60.8	61.3	62.0	62.0	62.5	62.7	63.3	63.5
≥ 12000	10.2	39.6	46.7	51.1	56.3	58.3	59.6	61.0	61.7	62.2	62.8	62.8	63.4	63.6	64.2	64.4
≥ 10000	10.5	39.8	48.2	52.8	58.4	60.5	62.0	63.3	64.1	64.6	65.4	65.4	66.0	66.2	66.7	67.0
≥ 9000	10.5	40.0	48.4	53.1	58.7	60.8	62.4	63.7	64.6	65.2	66.0	66.0	66.5	66.7	67.3	67.5
≥ 8000	10.6	41.9	50.5	55.5	61.4	63.7	65.5	67.0	68.1	68.5	69.3	69.3	69.9	70.1	70.6	71.0
≥ 7000	10.7	42.3	50.9	55.8	61.7	64.1	65.9	67.3	68.3	68.9	69.6	69.6	70.2	70.4	71.0	71.3
≥ 6000	10.9	42.7	51.3	56.3	62.2	64.5	66.3	67.9	69.0	69.5	70.3	70.3	70.9	71.1	71.6	72.0
≥ 5000	10.9	42.8	51.4	56.6	62.6	65.0	66.7	68.3	69.4	70.0	70.7	70.7	71.3	71.5	72.1	72.4
≥ 4500	10.9	42.8	51.4	56.8	62.8	65.2	67.1	68.7	69.9	70.4	71.2	71.2	71.7	72.0	72.5	72.9
≥ 4000	10.9	43.2	51.7	57.2	63.3	65.6	67.5	69.2	70.3	71.0	71.7	71.7	72.3	72.5	73.1	73.4
≥ 3500	10.9	43.2	51.7	57.2	63.3	65.6	67.5	69.2	70.3	71.1	71.9	71.9	72.4	72.6	73.2	73.5
≥ 3000	10.9	43.2	51.7	57.2	63.3	65.6	67.5	69.2	70.3	71.1	71.9	71.9	72.4	72.6	73.2	73.5
≥ 2500	10.9	43.4	51.9	57.4	63.6	66.0	67.9	69.5	70.6	71.4	72.2	72.2	72.7	73.0	73.5	73.9
≥ 2000	11.2	44.5	53.2	58.6	65.0	67.4	69.3	71.0	72.1	72.9	73.6	73.6	74.2	74.4	75.0	75.3
≥ 1800	11.2	44.5	53.2	58.6	65.0	67.4	69.3	71.0	72.1	72.9	73.6	73.6	74.2	74.4	75.0	75.3
≥ 1500	11.5	45.5	54.7	59.7	66.3	68.7	70.6	72.3	73.4	74.2	75.1	75.0	75.5	75.8	76.3	76.6
≥ 1200	11.8	47.1	56.0	61.7	68.3	70.7	72.7	74.5	75.6	76.4	77.2	77.2	77.8	78.0	78.5	78.9
≥ 1000	12.0	47.8	57.1	63.3	70.1	72.5	74.6	76.4	77.5	78.3	79.1	79.1	79.6	79.9	80.4	80.8
≥ 900	12.1	48.5	57.7	64.1	70.9	73.4	75.5	77.3	78.4	79.2	80.0	80.0	80.5	80.8	81.3	81.6
≥ 800	12.1	49.9	59.3	65.9	72.6	75.2	77.4	79.8	80.9	81.6	82.4	82.4	83.0	83.3	83.9	84.2
≥ 700	12.3	50.8	60.5	67.3	74.3	77.0	79.3	81.8	82.9	83.6	84.4	84.4	85.0	85.3	85.9	86.2
≥ 600	12.6	51.5	61.6	68.5	75.6	78.4	81.2	83.8	84.9	85.7	86.4	86.4	87.0	87.4	88.0	88.3
≥ 500	12.8	52.4	62.6	69.7	76.9	79.9	82.9	85.5	86.8	87.5	88.3	88.3	88.9	89.3	89.9	90.2
≥ 400	12.3	52.7	62.3	71.0	78.4	81.5	84.8	87.5	89.1	90.1	91.0	91.0	91.5	92.0	92.5	93.0
≥ 300	12.9	53.1	63.6	71.4	79.1	82.3	85.7	88.8	90.5	91.9	92.9	92.9	93.5	94.0	94.7	95.6
≥ 200	12.9	53.1	63.6	71.4	79.2	82.5	86.1	89.8	91.8	93.1	94.3	94.3	95.0	95.6	96.3	97.7
≥ 100	12.9	53.1	63.6	71.4	79.2	82.5	86.1	90.0	92.3	93.7	94.9	95.0	95.9	96.4	97.6	99.2
≥ 0	12.9	53.1	63.6	71.4	79.2	82.5	86.1	90.0	92.3	93.7	94.9	95.0	95.9	96.6	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1365
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	13.4	49.2	51.9	52.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥20000	20.4	57.1	60.0	61.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥18000	20.4	57.2	60.1	61.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 16000	21.4	57.2	60.1	61.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 14000	20.7	57.9	60.9	61.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 12000	20.9	58.9	62.0	63.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥10000	21.3	62.2	65.7	67.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 9000	21.4	63.2	66.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 8000	21.7	65.6	69.2	71.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 7000	21.7	66.0	69.8	71.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 6000	21.7	66.3	70.1	72.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 5000	22.1	67.4	71.6	73.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 4500	22.1	67.4	71.6	74.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 4000	22.4	68.4	72.7	75.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 3500	22.7	68.8	73.1	75.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 3000	22.9	69.4	73.8	76.2	79.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2500	24.3	71.4	75.8	78.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 2000	24.9	75.4	79.8	82.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 1800	25.0	76.7	81.0	83.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 1500	25.9	79.0	83.3	85.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1200	26.0	80.9	85.6	88.8	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1000	26.4	81.9	86.9	90.1	92.4	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 900	26.6	82.4	87.7	91.1	93.4	93.4	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 800	26.7	83.4	88.7	92.4	94.9	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 700	27.0	84.7	90.2	94.0	96.7	96.7	96.9	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	27.3	85.3	90.9	94.7	97.6	97.7	98.0	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	27.3	85.6	91.2	95.2	98.2	98.3	98.7	98.8	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 400	27.3	85.8	91.4	95.4	98.6	98.7	99.0	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	27.3	85.8	91.4	95.4	98.6	98.7	99.0	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	27.3	85.8	91.4	95.4	98.6	98.7	99.0	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	27.3	85.8	91.4	95.4	98.6	98.7	99.0	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	27.3	85.8	91.4	95.4	98.6	98.7	99.0	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFET4C
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1395C
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	23.3	49.3	50.3	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	27.6	61.8	63.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV ≥ 18000	27.7	62.2	63.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV ≥ 16000	27.7	62.2	63.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV ≥ 14000	27.9	62.7	64.2	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV ≥ 12000	29.4	65.3	67.1	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV ≥ 10000	29.8	70.2	72.1	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV ≥ 9000	29.3	70.9	72.8	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV ≥ 8000	30.1	73.8	75.9	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV ≥ 7000	30.2	74.3	76.4	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV ≥ 6000	30.2	74.8	77.1	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV ≥ 5000	30.4	76.1	78.6	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV ≥ 4500	30.7	77.3	79.8	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV ≥ 4000	31.7	79.8	82.2	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV ≥ 3500	32.1	81.6	84.4	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV ≥ 3000	33.1	83.8	86.2	88.3	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV ≥ 2500	33.8	85.7	88.1	90.3	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV ≥ 2000	33.9	87.9	90.6	93.0	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
IV ≥ 1800	33.9	88.0	90.8	93.3	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
IV ≥ 1500	33.9	88.6	91.3	93.9	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
IV ≥ 1200	34.0	89.7	92.7	95.2	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
IV ≥ 1000	34.0	89.8	93.0	95.6	96.6	96.6	96.8	96.8	96.8	96.8	96.9	97.0	97.0	97.1	97.1	97.1
IV ≥ 900	34.0	90.0	93.2	95.8	96.9	97.0	97.2	97.2	97.2	97.2	97.3	97.4	97.4	97.6	97.6	97.6
IV ≥ 800	34.4	90.8	94.4	97.1	98.2	98.4	98.7	98.7	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0
IV ≥ 700	34.4	91.2	94.9	97.6	98.7	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
IV ≥ 600	34.4	91.2	94.9	97.6	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6
IV ≥ 500	34.4	91.3	95.0	97.7	98.8	99.0	99.2	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8
IV ≥ 400	34.4	91.3	95.0	97.7	98.8	99.0	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.9	99.9	99.9
IV ≥ 300	34.4	91.3	95.0	97.7	98.8	99.0	99.2	99.2	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV ≥ 200	34.4	91.3	95.0	97.7	98.8	99.0	99.2	99.2	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV ≥ 100	34.4	91.3	95.0	97.7	98.8	99.0	99.2	99.2	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV ≥ 0	34.4	91.3	95.0	97.7	98.8	99.0	99.2	99.2	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03850
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3/16	¾	≥0
NO CEILING	24.6	47.7	48.7	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	29.2	64.9	66.7	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	29.2	64.9	66.7	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000	29.2	64.9	66.7	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	29.2	64.9	66.7	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	30.7	68.7	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	32.4	74.3	76.3	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 9000	32.4	75.2	77.2	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	33.2	79.0	81.7	83.2	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	33.2	79.6	82.7	83.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000	33.3	81.2	82.9	84.4	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	33.4	81.9	83.9	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	34.1	81.8	84.8	86.4	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	34.6	83.7	86.9	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	34.3	84.4	87.9	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	35.2	85.7	88.9	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	35.2	86.2	89.9	92.0	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	35.2	86.6	90.2	92.6	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	35.2	86.6	90.3	92.7	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	35.2	87.2	91.0	93.3	93.8	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	35.2	87.9	91.7	94.1	94.6	94.6	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	35.3	88.6	92.4	95.1	95.7	95.7	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	35.3	88.0	92.7	95.3	95.9	96.0	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	35.3	89.0	93.1	96.0	96.6	96.8	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	35.3	89.2	93.6	96.7	97.3	97.6	98.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	35.3	89.3	93.7	96.8	97.4	97.8	98.2	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	35.3	89.4	93.8	97.3	98.0	98.3	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	35.3	89.6	93.9	97.4	98.1	98.4	98.9	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	35.3	89.6	93.9	97.4	98.1	98.4	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	35.3	89.6	93.9	97.4	98.2	98.6	99.0	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	35.3	89.6	93.9	97.4	98.2	98.6	99.0	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	35.3	89.6	93.9	97.4	98.2	98.6	99.0	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
03051

STATION NAME
FT RUCKER AL

YEARS
69-70, 73-80

MONTH
SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥0
NO CEILING	27.6	53.6	54.9	55.4	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	32.1	68.2	69.9	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000	32.1	68.3	70.0	70.7	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	32.1	68.3	70.0	70.7	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	32.1	68.3	70.0	70.7	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000	32.3	70.6	72.2	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	34.2	75.7	77.6	78.4	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	34.4	76.4	78.1	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	35.7	78.8	81.2	82.1	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 7000	35.9	79.3	81.8	82.7	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	36.0	80.2	82.7	83.6	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	36.2	80.9	83.6	84.4	85.2	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	36.6	81.6	84.2	85.1	86.0	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	37.0	84.7	87.3	88.2	89.3	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	37.8	85.3	88.2	89.1	90.2	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	37.9	85.7	88.7	89.7	90.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	38.3	86.6	89.6	90.7	92.0	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	38.4	87.4	90.4	91.7	93.1	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	38.4	87.6	90.6	91.8	93.2	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	38.4	87.9	90.9	92.1	93.6	93.9	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	38.4	88.4	91.4	92.7	94.1	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	38.8	88.9	91.9	93.3	94.8	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	38.9	89.6	92.6	94.0	95.4	95.8	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	39.1	89.9	92.9	94.4	95.9	96.2	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	39.3	90.1	93.1	94.7	96.2	96.6	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	39.0	90.4	93.7	95.3	97.1	97.6	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	39.0	90.6	93.9	95.6	97.6	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	39.0	90.6	93.9	95.7	97.7	98.2	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	39.0	90.6	93.9	95.8	97.8	98.3	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	39.0	90.6	93.9	95.8	97.8	98.3	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	39.0	90.6	93.9	95.8	97.8	98.3	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	39.0	90.6	93.9	95.8	97.8	98.3	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13850
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ 1/8	≥ 0
NO CEILING	32.3	65.4	67.3	67.9	68.8	69.3	69.3	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6
≥ 20000	36.1	74.6	76.6	77.3	78.6	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	36.1	74.8	76.8	77.6	78.8	79.3	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
≥ 16000	36.1	74.8	76.8	77.6	78.8	79.3	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	36.3	75.2	77.2	78.1	79.2	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	36.4	76.3	79.3	79.1	80.3	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	37.6	80.3	82.9	83.7	84.9	85.4	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	37.6	80.7	83.2	84.0	85.2	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	37.9	82.2	84.8	85.6	86.8	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000	37.9	82.3	84.9	85.7	86.9	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	38.4	83.4	86.0	86.8	88.0	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	38.3	84.7	87.2	88.0	89.2	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	38.7	85.1	87.6	88.3	89.6	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	38.9	85.6	88.1	88.1	89.3	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	38.9	85.9	88.4	89.4	90.7	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	39.1	86.2	88.8	89.8	91.1	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	39.2	86.7	89.2	90.2	91.6	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	39.3	87.1	89.7	90.7	92.0	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	39.3	87.2	89.8	90.8	92.1	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	39.3	87.2	89.8	90.8	92.1	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	39.4	87.4	90.0	91.0	92.4	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	39.6	87.9	90.4	91.4	92.9	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	40.1	89.0	91.6	92.6	94.0	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	40.2	89.6	92.1	93.2	94.7	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	40.2	90.0	92.7	94.0	95.7	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	40.4	90.9	93.7	95.1	96.8	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	40.6	91.1	94.3	95.4	97.3	98.0	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	40.7	91.3	94.3	95.9	98.0	98.7	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	40.7	91.3	94.6	96.1	98.3	99.0	99.1	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	40.7	91.4	94.7	96.2	98.4	99.2	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	40.7	91.4	94.7	96.2	98.4	99.2	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	40.7	91.4	94.7	96.2	98.4	99.2	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
L3850

STATION NAME
FT RUCKER AL

YEARS
69-70,73-80

MONTH
SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
MONTHS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	23.3	51.5	54.5	56.1	57.6	58.1	58.4	58.6	58.8	58.9	59.0	59.0	59.2	59.2	59.3	59.4
≥ 20000	26.0	60.4	63.9	65.3	67.5	68.0	68.3	68.6	68.7	68.8	68.9	68.9	69.1	69.1	69.2	69.4
≥ 18000	26.1	60.6	64.1	65.4	67.6	68.1	68.4	68.7	68.9	69.0	69.1	69.1	69.2	69.3	69.4	69.5
≥ 16000	26.1	60.6	64.1	65.9	67.6	68.1	68.4	68.7	68.9	69.0	69.1	69.1	69.2	69.3	69.4	69.5
≥ 14000	26.2	60.9	64.4	66.2	67.9	68.4	68.7	69.0	69.2	69.3	69.4	69.4	69.6	69.6	69.7	69.8
≥ 12000	26.6	62.6	66.1	68.1	69.7	70.3	70.6	70.9	71.0	71.1	71.2	71.2	71.4	71.4	71.6	71.7
≥ 10000	27.6	66.2	70.0	72.1	73.9	74.5	74.8	75.1	75.3	75.4	75.5	75.5	75.7	75.7	75.8	76.0
≥ 9000	27.6	66.7	70.5	72.7	74.5	75.0	75.4	75.7	75.9	76.0	76.1	76.1	76.3	76.3	76.4	76.6
≥ 8000	28.2	69.0	73.1	75.4	77.3	77.9	78.3	78.6	78.9	79.0	79.1	79.2	79.4	79.4	79.5	79.6
≥ 7000	28.3	69.4	73.5	75.8	77.8	78.4	78.8	79.1	79.3	79.4	79.6	79.6	79.8	79.8	80.0	80.1
≥ 6000	28.3	70.1	74.2	76.6	78.6	79.2	79.6	79.9	80.2	80.3	80.4	80.5	80.7	80.7	80.8	81.0
≥ 5000	28.6	71.0	75.2	77.7	79.7	80.3	80.7	81.0	81.3	81.4	81.5	81.6	81.8	81.8	81.9	82.1
≥ 4500	28.8	71.5	75.7	78.2	80.3	80.9	81.3	81.7	81.9	82.0	82.2	82.2	82.4	82.4	82.5	82.7
≥ 4000	29.2	72.6	77.0	79.6	81.7	82.3	82.8	83.1	83.4	83.5	83.6	83.7	83.9	83.9	84.0	84.2
≥ 3500	29.4	73.2	77.6	80.3	82.4	83.0	83.5	83.8	84.1	84.2	84.3	84.4	84.6	84.6	84.7	84.9
≥ 3000	29.7	73.9	78.4	81.1	83.3	83.9	84.4	84.7	85.0	85.1	85.2	85.3	85.5	85.5	85.6	85.8
≥ 2500	30.0	74.8	79.3	82.1	84.3	84.9	85.4	85.7	86.0	86.1	86.2	86.3	86.5	86.5	86.6	86.8
≥ 2000	30.2	76.0	80.6	83.4	85.7	86.3	86.8	87.1	87.4	87.5	87.7	87.7	87.9	88.0	88.1	88.2
≥ 1800	30.3	76.3	80.9	83.7	86.0	86.7	87.1	87.5	87.7	87.9	88.0	88.1	88.3	88.3	88.4	88.6
≥ 1500	30.5	77.0	81.6	84.5	86.8	87.5	87.9	88.3	88.6	88.7	88.8	88.9	89.1	89.1	89.2	89.4
≥ 1200	30.7	78.0	82.7	85.7	88.1	88.7	89.2	89.6	89.9	90.0	90.2	90.2	90.4	90.5	90.6	90.7
≥ 1000	30.9	78.6	83.4	86.5	89.0	89.6	90.2	90.6	90.9	91.0	91.2	91.2	91.4	91.5	91.6	91.7
≥ 900	31.0	79.1	84.0	87.2	89.6	90.3	90.9	91.3	91.6	91.8	91.9	92.0	92.2	92.2	92.3	92.5
≥ 800	31.2	79.8	84.9	88.2	90.7	91.5	92.1	92.6	92.8	93.0	93.2	93.2	93.4	93.5	93.6	93.8
≥ 700	31.4	80.4	85.7	89.1	91.7	92.5	93.2	93.6	93.9	94.1	94.3	94.4	94.6	94.6	94.7	94.9
≥ 600	31.6	81.0	86.4	89.9	92.6	93.4	94.2	94.7	95.0	95.2	95.3	95.4	95.6	95.7	95.8	95.9
≥ 500	31.7	81.5	87.0	90.8	93.5	94.4	95.2	95.7	96.1	96.3	96.5	96.5	96.7	96.8	96.9	97.1
≥ 400	31.7	81.8	87.3	91.3	94.1	95.0	95.9	96.5	96.9	97.2	97.3	97.4	97.6	97.7	97.8	98.0
≥ 300	31.8	81.8	87.5	91.4	94.3	95.2	96.1	96.8	97.3	97.6	97.9	97.9	98.2	98.2	98.4	98.7
≥ 200	31.8	81.8	87.5	91.5	94.5	95.4	96.4	97.1	97.7	98.1	98.3	98.4	98.7	98.8	99.0	99.3
≥ 100	31.9	81.8	87.5	91.5	94.5	95.5	96.4	97.2	97.9	98.2	98.5	98.6	98.9	99.0	99.3	99.7
≥ 0	31.9	81.9	87.5	91.5	94.5	95.5	96.4	97.2	97.9	98.2	98.5	98.6	98.9	99.0	99.3	99.7

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13950
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	48.4	75.9	76.8	77.3	77.7	77.8	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.9	78.9	79.2
≥ 20000	49.7	78.5	79.4	79.9	80.3	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.5	81.5	81.9
≥ 18000	49.7	78.5	79.4	79.9	80.3	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.5	81.5	81.9
IV 16000	49.7	78.5	79.4	79.9	80.3	80.4	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.5	81.5	81.9
IV 14000	50.0	78.8	79.7	80.2	80.6	80.8	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.8	81.8	82.2
IV 12000	50.4	79.4	80.2	80.8	81.2	81.3	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.4	82.4	82.7
IV 10000	51.0	81.0	81.8	82.4	82.8	82.9	83.4	83.4	83.5	83.5	83.5	83.5	83.5	84.0	84.0	84.3
IV 9000	51.3	81.6	82.5	83.0	83.4	83.5	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.6	84.6	84.9
IV 8000	52.4	83.9	84.7	85.3	85.9	86.0	86.6	86.6	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.4
IV 7000	52.6	84.1	84.9	85.5	86.1	86.2	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.3	87.3	87.6
IV 6000	53.2	84.9	85.9	86.5	87.1	87.2	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.3	88.3	88.6
IV 5000	53.3	85.4	86.3	86.9	87.5	87.7	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.8	88.8	89.1
IV 4500	53.4	85.5	86.5	87.0	87.6	87.8	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.9	88.9	89.2
IV 4000	53.7	85.9	86.9	87.4	88.1	88.3	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.4	89.4	89.7
IV 3500	53.7	86.1	87.1	87.6	88.3	88.5	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.6	89.6	89.9
IV 3000	53.7	86.2	87.3	87.8	88.5	88.7	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.8	89.8	90.1
IV 2500	53.9	86.7	87.7	88.4	89.0	89.2	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.3	90.3	90.6
IV 2000	54.3	87.4	88.6	89.2	90.0	90.2	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.3	91.3	91.6
IV 1800	54.4	87.6	88.8	89.5	90.2	90.4	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.5	91.5	91.8
IV 1500	54.3	88.5	89.8	90.4	91.2	91.5	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.6	92.6	92.9
IV 1200	55.2	89.4	90.8	91.7	92.5	93.0	93.5	93.5	93.7	93.7	93.7	93.7	93.7	94.1	94.1	94.4
IV 1000	55.2	89.8	91.2	92.2	93.0	93.5	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.6	94.6	94.9
IV 900	55.4	90.0	91.4	92.4	93.2	93.8	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.9	94.9	95.3
IV 800	55.4	90.2	91.8	92.8	93.7	94.2	94.7	94.7	94.8	94.9	94.9	94.9	94.9	95.4	95.4	95.7
IV 700	55.4	90.2	91.8	92.8	93.7	94.2	94.7	94.7	94.8	94.9	94.9	94.9	94.9	95.4	95.4	95.8
IV 600	55.4	90.2	91.8	92.8	93.7	94.2	94.7	94.7	94.8	94.9	94.9	94.9	94.9	95.4	95.4	95.8
IV 500	55.7	91.0	92.8	94.1	95.1	95.6	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.9	96.9	97.3
IV 400	55.3	91.6	93.4	94.9	95.9	96.5	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.8	97.8	98.3
IV 300	55.8	91.6	93.5	95.1	96.0	96.6	97.1	97.1	97.3	97.4	97.5	97.5	97.5	98.0	98.0	98.4
IV 200	55.3	91.6	93.5	95.2	96.3	97.0	97.5	97.5	97.8	98.2	98.6	98.6	98.6	99.0	99.0	99.5
IV 100	55.8	91.6	93.5	95.2	96.3	97.0	97.5	97.6	98.0	98.4	98.8	98.8	98.8	99.4	99.4	99.8
IV 0	55.8	91.6	93.5	95.2	96.3	97.0	97.5	97.6	98.0	98.4	98.8	98.8	98.8	99.4	99.4	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL

69-70, 73-80

MONTH OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	43.6	69.4	71.3	71.8	72.3	72.6	72.8	73.0	73.3	73.3	73.7	73.7	73.8	74.	74.4	74.5
≥ 20000	41.4	71.8	73.6	74.3	74.7	75.1	75.3	75.5	75.8	75.8	76.1	76.1	76.2	76.5	76.9	77.0
≥ 18000	41.8	71.8	73.6	74.3	74.7	75.1	75.3	75.5	75.8	75.8	76.1	76.1	76.2	76.5	76.9	77.0
≥ 16000	41.4	71.8	73.6	74.3	74.7	75.1	75.3	75.5	75.8	75.8	76.1	76.1	76.2	76.5	76.9	77.0
≥ 14000	41.9	71.9	73.9	74.4	74.8	75.2	75.4	75.6	75.9	75.9	76.2	76.2	76.3	76.6	77.0	77.1
≥ 12000	42.5	72.9	74.9	75.4	75.8	76.1	76.3	76.6	76.9	76.9	77.2	77.2	77.3	77.5	78.0	78.1
≥ 10000	43.3	74.9	77.1	77.6	78.2	78.5	78.7	78.9	79.2	79.2	79.6	79.6	79.7	79.9	80.3	80.4
≥ 9000	44.1	75.5	77.6	78.2	78.7	79.0	79.2	79.5	79.8	79.8	80.1	80.1	80.2	80.4	80.9	81.0
≥ 8000	44.6	77.0	79.1	79.7	80.2	80.5	80.8	81.0	81.3	81.3	81.6	81.6	81.7	81.9	82.4	82.5
≥ 7000	44.7	77.1	79.4	79.9	80.4	80.8	81.0	81.2	81.5	81.5	81.8	81.8	81.9	82.2	82.6	82.7
≥ 6000	45.5	77.8	80.1	80.6	81.2	81.5	81.7	81.9	82.3	82.3	82.6	82.6	82.7	82.9	83.3	83.4
≥ 5000	45.7	78.6	80.9	81.4	81.9	82.3	82.5	82.7	83.0	83.0	83.3	83.3	83.4	83.7	84.1	84.2
≥ 4500	46.7	78.7	81.	81.5	82.0	82.4	82.6	82.8	83.1	83.1	83.4	83.4	83.5	83.8	84.2	84.3
≥ 4000	46.7	79.0	81.3	81.8	82.4	82.7	82.9	83.1	83.4	83.4	83.8	83.8	83.9	84.1	84.5	84.6
≥ 3500	46.1	79.2	81.5	82.0	82.6	82.9	83.1	83.3	83.7	83.7	84.0	84.0	84.1	84.3	84.7	84.8
≥ 3000	46.3	79.9	82.3	82.7	83.2	83.5	83.8	84.0	84.3	84.3	84.6	84.6	84.7	84.9	85.4	85.5
≥ 2500	46.5	80.3	82.7	83.4	84.0	84.3	84.5	84.7	85.1	85.1	85.4	85.4	85.5	85.7	86.1	86.2
≥ 2000	46.7	81.3	83.8	84.5	85.1	85.4	85.9	86.1	86.5	86.5	86.8	86.8	86.9	87.1	87.5	87.6
≥ 1800	46.9	82.0	84.5	85.3	85.8	86.1	86.7	86.9	87.2	87.2	87.5	87.5	87.6	87.8	88.3	88.4
≥ 1500	47.1	82.4	85.1	85.8	86.5	86.8	87.3	87.5	87.8	87.8	88.2	88.2	88.3	88.5	88.9	89.0
≥ 1200	47.6	83.7	86.5	87.2	87.8	88.2	88.7	88.9	89.2	89.2	89.6	89.6	89.7	89.9	90.3	90.4
≥ 1000	47.8	84.3	87.2	88.1	88.7	89.0	89.7	89.9	90.2	90.2	90.5	90.5	90.6	90.9	91.3	91.4
≥ 900	48.0	84.8	88.	88.8	89.5	89.8	90.4	90.6	91.0	91.0	91.3	91.3	91.4	91.6	92.0	92.2
≥ 800	48.1	85.3	88.6	89.5	90.1	90.4	91.1	91.4	91.7	91.7	92.0	92.0	92.2	92.4	92.8	92.9
≥ 700	48.1	85.6	89.	90.0	90.6	91.3	91.6	92.0	92.4	92.4	92.8	92.8	93.0	93.2	93.7	93.8
≥ 600	48.1	85.7	89.2	90.3	91.0	91.3	91.9	92.4	92.8	92.8	93.2	93.2	93.4	93.7	94.1	94.2
≥ 500	48.1	86.1	89.8	91.0	91.6	92.0	92.7	93.1	93.5	93.5	94.1	94.1	94.3	94.5	94.9	95.1
≥ 400	48.2	86.6	90.5	91.7	92.6	93.0	93.7	94.1	94.6	94.6	95.2	95.2	95.5	95.7	96.1	96.2
≥ 300	48.2	86.6	90.8	92.3	93.2	93.8	94.5	95.1	95.7	95.7	96.2	96.2	96.8	97.	97.4	97.5
≥ 200	48.2	86.8	90.8	92.3	93.2	93.8	94.6	95.4	96.0	96.0	96.6	96.6	97.2	97.4	98.2	98.4
≥ 100	48.2	86.8	90.8	92.3	93.2	93.8	94.7	95.5	96.2	96.2	97.2	97.2	98.0	98.3	99.2	99.8
≥ 0	48.2	86.8	90.8	92.3	93.2	93.8	94.7	95.5	96.2	96.2	97.2	97.2	98.0	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3050
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	19.6	54.5	59.4	61.6	64.1	64.4	64.9	65.3	65.5	65.7	65.8	65.9	66.1	66.3	66.3	66.5
≥ 20000	20.2	58.7	63.1	65.6	68.5	68.8	69.7	70.1	70.3	70.5	70.6	70.6	71.0	71.2	71.2	71.3
IV ≥ 18000	20.2	58.2	63.3	65.8	68.7	69.0	69.9	70.3	70.5	70.8	70.9	70.9	71.2	71.4	71.4	71.5
≥ 16000	20.2	58.3	63.4	65.9	68.8	69.1	70.0	70.4	70.6	70.9	71.0	71.0	71.3	71.5	71.5	71.6
IV ≥ 14000	20.2	58.3	63.4	65.9	68.8	69.1	70.0	70.4	70.6	70.9	71.0	71.0	71.3	71.5	71.5	71.6
≥ 12000	20.5	58.8	64.1	66.7	69.6	69.9	70.8	71.2	71.4	71.6	71.7	71.7	72.0	72.3	72.3	72.4
IV ≥ 10000	21.2	61.7	67.0	69.7	72.6	73.1	74.0	74.4	74.6	74.8	74.9	74.9	75.3	75.7	75.7	75.8
≥ 9000	21.4	62.3	67.6	70.3	73.2	73.8	74.6	75.1	75.3	75.5	75.6	75.6	75.9	76.3	76.3	76.5
IV ≥ 8000	21.7	64.0	69.5	72.2	75.1	75.6	76.5	77.0	77.2	77.4	77.5	77.5	77.8	78.3	78.3	78.4
≥ 7000	21.7	64.8	70.0	73.4	76.3	76.9	77.7	78.3	78.5	78.7	78.8	78.8	79.1	79.6	79.6	79.7
IV ≥ 6000	21.8	65.3	71.1	73.9	76.8	77.3	78.2	78.7	78.9	79.1	79.2	79.2	79.6	80.0	80.0	80.1
≥ 5000	22.2	66.1	71.9	74.7	77.6	78.2	79.0	79.6	79.8	80.0	80.1	80.1	80.4	80.9	80.9	81.0
IV ≥ 4500	22.3	66.3	72.2	74.9	77.8	78.4	79.2	79.8	80.0	80.2	80.3	80.3	80.6	81.1	81.1	81.2
≥ 4000	22.6	66.8	72.6	75.4	78.3	78.8	79.8	80.3	80.5	80.8	80.9	81.0	81.1	81.4	81.6	81.7
IV ≥ 3500	22.6	66.8	72.6	75.5	78.4	78.9	79.9	80.4	80.8	81.0	81.1	81.1	81.4	81.8	81.8	81.9
≥ 3000	22.7	67.2	73.1	75.9	78.8	79.4	80.3	80.9	81.2	81.4	81.5	81.5	81.8	82.3	82.3	82.4
IV ≥ 2500	22.7	67.5	73.3	76.2	79.1	79.7	80.6	81.2	81.5	81.7	81.8	81.8	82.2	82.6	82.6	82.7
≥ 2000	22.9	68.1	73.9	76.8	79.9	80.4	81.4	81.9	82.3	82.5	82.6	82.6	82.9	83.3	83.3	83.4
IV ≥ 1800	22.9	68.5	74.3	77.2	80.3	80.9	81.8	82.4	82.7	82.9	83.1	83.0	83.3	83.8	83.8	83.9
≥ 1500	23.1	69.6	75.4	78.4	81.6	82.2	83.1	83.7	84.1	84.3	84.4	84.4	84.7	85.2	85.2	85.3
IV ≥ 1200	23.3	70.4	76.3	79.7	82.9	83.4	84.4	84.9	85.4	85.6	85.7	85.7	86.0	86.5	86.5	86.6
≥ 1000	23.4	71.0	77.1	80.3	83.5	84.1	85.1	85.6	86.1	86.3	86.5	86.5	86.8	87.2	87.2	87.3
IV ≥ 900	23.5	71.6	77.7	81.4	84.7	85.3	86.2	86.8	87.3	87.5	87.6	87.6	88.0	88.4	88.4	88.5
≥ 800	23.7	72.3	78.6	82.5	85.9	86.5	87.4	88.1	88.6	88.8	88.9	88.9	89.2	89.7	89.7	89.8
IV ≥ 700	23.7	72.7	79.2	83.4	87.1	87.8	88.8	89.6	90.2	90.4	90.5	90.5	90.9	91.3	91.3	91.4
≥ 600	23.7	73.2	80.2	84.4	88.4	89.1	90.1	90.9	91.5	91.7	91.8	91.8	92.2	92.6	92.6	92.7
IV ≥ 500	23.7	73.2	80.3	84.7	89.0	90.0	91.0	91.8	92.6	92.9	93.1	93.1	93.4	93.9	93.9	94.0
≥ 400	23.7	73.3	80.6	85.2	89.8	90.9	92.0	93.0	93.9	94.2	94.4	94.4	94.8	95.3	95.3	95.4
IV ≥ 300	23.7	73.3	80.6	85.3	89.9	91.1	92.6	93.9	94.7	95.2	95.5	95.6	96.1	96.7	96.7	96.8
≥ 200	23.7	73.3	80.6	85.3	89.9	91.1	92.6	94.0	95.2	95.6	96.6	96.7	97.4	98.0	98.1	98.3
IV ≥ 100	23.7	73.3	80.6	85.3	89.9	91.1	92.6	94.1	95.4	96.0	96.9	97.0	98.1	98.6	98.9	99.8
≥ 0	23.7	73.3	80.6	85.3	89.9	91.1	92.6	94.1	95.4	96.0	96.9	97.0	98.1	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL

69-70, 73-80

CCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	26.1	64.4	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	27.4	71.2	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	27.4	71.3	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	27.4	71.3	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000	27.5	71.5	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 12000	28.4	72.8	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	29.7	75.9	77.3	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	30.0	76.5	78.0	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	30.5	78.1	79.8	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	30.6	79.1	80.9	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	32.8	79.2	81.0	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	31.1	81.0	81.7	82.5	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4500	31.2	81.1	81.8	82.6	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	31.4	80.5	82.3	83.0	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	31.4	81.6	82.4	83.1	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	31.6	81.4	83.1	83.9	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	32.2	82.6	84.4	85.2	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	32.6	83.8	85.6	86.3	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	32.7	84.4	86.2	87.1	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	33.1	85.5	87.8	88.7	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	34.0	87.3	89.8	90.8	91.2	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	34.3	88.5	91.1	92.0	92.6	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900	34.4	89.0	91.7	92.7	93.2	93.4	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	34.6	89.6	92.4	93.5	94.1	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	34.7	90.5	93.7	95.2	95.8	96.0	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	34.7	91.2	94.4	95.9	96.6	96.8	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	34.7	91.2	94.5	96.0	96.9	97.1	97.4	97.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	34.7	91.5	94.9	96.5	97.4	97.6	98.0	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	34.7	91.5	94.9	96.5	97.5	97.8	98.3	98.8	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	34.7	91.5	94.9	96.5	97.5	97.8	98.3	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	34.7	91.5	94.9	96.5	97.5	97.8	98.3	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	34.7	91.5	94.9	96.5	97.5	97.8	98.3	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 20000	35.1 34.6	68.1 77.3	68.1 77.4	68.1 77.4	69.1 77.4	68.1 77.4	68.1 77.4	68.1 77.4	68.1 77.4	68.1 77.4	68.1 77.4	63.1 77.4	68.1 77.4	68.1 77.4	68.1 77.4	68.1 77.4
≥ 18000 ≥ 16000	38.0 39.7	77.5 77.6	77.6 77.7	77.6 77.7	77.6 77.7	77.6 77.7	77.6 77.7	77.6 77.7	77.6 77.7	77.6 77.7	77.6 77.7	77.6 77.7	77.6 77.7	77.6 77.7	77.6 77.7	77.6 77.7
≥ 14000 ≥ 12000	38.0 38.9	78.0 79.8	78.1 79.9	78.1 79.9	78.1 79.9	78.1 79.9	78.1 79.9	78.1 79.9	78.1 79.9	78.1 79.9	78.1 79.9	78.1 79.9	78.1 79.9	78.1 79.9	78.1 79.9	78.1 79.9
≥ 10000 ≥ 9000	39.5 39.5	81.9 82.0	82.3 82.4	82.3 82.4	82.3 82.4	82.3 82.4	82.3 82.4	82.3 82.4	82.3 82.4	82.3 82.4	82.3 82.4	82.3 82.4	82.3 82.4	82.3 82.4	82.3 82.4	82.3 82.4
≥ 8000 ≥ 7000	40.3 40.9	85.1 85.9	85.4 86.2	85.4 86.2	85.5 86.3	85.5 86.3	85.5 86.3	85.5 86.3	85.5 86.3	85.5 86.3	85.5 86.3	85.5 86.3	85.5 86.3	85.5 86.3	85.5 86.3	85.5 86.3
≥ 6000 ≥ 5000	40.9 41.2	86.0 86.7	86.3 87.1	86.3 87.1	86.5 87.2	86.5 87.3	86.5 87.3	86.5 87.3	86.5 87.3	86.5 87.3	86.5 87.3	86.5 87.3	86.5 87.3	86.5 87.3	86.5 87.3	86.5 87.3
≥ 4500 ≥ 4000	41.4 41.6	87.1 87.6	87.5 88.2	87.6 88.3	87.7 88.4	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5	87.8 88.5
≥ 3500 ≥ 3000	41.7 42.7	88.3 89.1	88.8 89.8	88.9 89.9	89.0 90.0	89.1 90.2	89.1 90.2	89.1 90.2	89.1 90.2	89.1 90.2	89.1 90.2	89.1 90.2	89.1 90.2	89.1 90.2	89.1 90.2	89.1 90.2
≥ 2500 ≥ 2000	42.7 43.5	90.1 91.6	90.8 92.3	91.9 92.4	91.0 92.6	91.2 92.8	91.2 92.8	91.2 92.8	91.2 92.8	91.2 92.9	91.2 92.9	91.2 92.9	91.2 92.9	91.2 92.9	91.2 92.9	91.2 92.9
≥ 1800 ≥ 1500	43.9 44.0	92.0 93.2	92.7 93.9	92.8 94.0	93.0 94.2	93.2 94.4	93.2 94.4	93.2 94.4	93.2 94.4	93.3 94.5	93.3 94.5	93.3 94.5	93.3 94.5	93.3 94.5	93.3 94.5	93.3 94.5
≥ 1200 ≥ 1000	44.4 44.6	94.1 94.3	95.1 95.3	95.3 95.5	95.7 95.9	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1	96.0 96.2	96.2 96.5	96.2 96.5	96.2 96.5	96.2 96.5	96.2 96.5	96.2 96.5
≥ 900 ≥ 800	44.6 44.6	94.6 94.6	95.6 95.6	95.9 96.0	96.5 96.7	96.7 97.0	96.7 97.0	96.7 97.0	96.7 97.1	96.8 97.2	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4
≥ 700 ≥ 600	44.6 44.6	95.1 95.3	96.1 96.5	96.6 97.1	97.3 97.7	97.7 98.2	97.7 98.3	97.7 98.4	97.8 98.5	98.1 98.7	98.3 98.9	98.3 98.9	98.3 98.9	98.3 98.9	98.3 98.9	98.3 98.9
≥ 500 ≥ 400	44.6 44.6	95.3 95.4	96.5 96.6	97.1 97.2	98.1 98.2	98.5 98.7	98.7 98.9	98.8 99.0	99.1 99.5	99.4 99.7	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9
≥ 300 ≥ 200	44.6 44.6	95.4 95.4	96.6 96.6	97.2 97.2	98.2 98.3	98.7 98.8	98.9 99.0	99.0 99.1	99.5 99.6	99.7 99.8	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0
≥ 100 0	44.6 44.6	95.4 95.4	96.6 96.6	97.2 97.2	98.3 98.3	98.8 98.8	99.0 99.0	99.1 99.1	99.6 99.6	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FT RUCKER AL

69-70, 73-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.7	68.5	69.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 20000	44.1	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	44.1	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	44.1	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	44.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	45.5	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000	46.1	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	46.2	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	47.0	87.0	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	47.5	87.7	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	47.5	87.8	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	48.0	89.0	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	48.5	90.1	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000	48.7	91.3	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	49.0	91.7	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	49.4	92.5	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	49.9	93.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	50.3	94.7	95.9	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	50.3	94.9	96.1	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	50.3	95.5	96.8	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	50.4	96.1	97.4	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	50.4	96.2	97.5	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	50.4	96.2	97.5	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	50.4	96.2	97.5	97.8	97.8	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	50.4	96.2	97.5	98.1	98.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	50.4	96.3	97.6	98.2	98.2	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	50.4	96.7	98.0	98.5	98.6	98.7	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	50.4	96.8	98.1	98.7	98.8	98.9	99.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	50.4	96.8	98.1	98.7	98.8	98.9	99.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	50.4	96.8	98.1	98.7	98.8	99.0	99.1	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.4	96.8	98.1	98.7	98.8	99.0	99.1	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	50.4	96.8	98.1	98.7	98.8	99.0	99.1	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13850
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	46.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	49.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	49.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 16000	49.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000	49.9	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 12000	51.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	52.0	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 9000	52.5	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	53.7	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 7000	54.0	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	54.1	88.8	88.9	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 5000	54.4	89.9	90.0	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4500	55.2	90.9	91.0	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 4000	55.8	91.7	91.8	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	56.0	92.7	92.9	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 3000	56.2	93.2	93.5	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	56.6	93.9	94.2	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2000	56.8	95.1	95.4	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	56.8	95.3	95.6	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500	56.8	95.6	96.0	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	56.8	95.8	96.2	97.0	97.0	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1000	56.8	95.9	96.3	97.2	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	56.9	96.1	96.6	97.4	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	56.9	96.2	96.7	97.5	97.5	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	56.9	96.5	96.9	97.7	97.7	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 600	56.9	96.9	97.1	98.2	98.2	98.4	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	57.0	97.4	97.8	98.7	98.7	98.9	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	57.0	97.4	98.0	98.8	98.8	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	57.0	97.4	98.0	98.8	98.8	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	57.0	97.4	98.0	98.8	98.8	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	57.0	97.4	98.0	98.8	98.8	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	57.0	97.4	98.0	98.8	98.8	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03050
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING ≥ 20000	51.8 52.3	79.5 82.6	79.7 82.8	79.7 82.8	79.7 82.8	79.7 82.8	79.7 82.8	79.7 82.9	79.8 82.9	79.8 82.9	79.8 83.0	79.9 83.0	79.9 83.0	79.9 83.0	80.0 83.1	80.0 83.1
IV 18000 IV 16000	52.8 53.1	82.6 82.9	82.8 83.1	82.8 83.1	82.8 83.1	82.8 83.1	82.8 83.1	82.9 83.2	82.9 83.2	82.9 83.2	83.0 83.3	83.0 83.3	83.0 83.3	83.0 83.3	83.1 83.4	83.1 83.4
IV 14000 IV 12000	53.2 53.9	83.1 83.8	83.3 84.1	83.3 84.0	83.3 84.0	83.3 84.0	83.3 84.0	83.4 84.1	83.4 84.1	83.4 84.1	83.5 84.2	83.5 84.2	83.5 84.2	83.5 84.2	83.7 84.3	83.7 84.3
IV 10000 IV 9000	54.6 54.7	85.3 86.1	85.6 86.5	85.6 86.5	85.6 86.5	85.6 86.5	85.6 86.5	85.7 86.6	85.7 86.6	85.7 86.6	85.8 86.7	85.8 86.7	85.8 86.7	85.8 86.7	85.9 86.8	85.9 86.8
IV 8000 IV 7000	56.0 56.2	88.4 88.8	88.7 89.1	88.7 89.1	88.7 89.1	88.7 89.1	88.7 89.1	88.8 89.2	88.8 89.2	88.8 89.2	88.9 89.4	88.9 89.4	88.9 89.4	88.9 89.4	89.0 89.5	89.0 89.5
IV 6000 IV 5000	56.7 56.7	89.6 90.1	89.9 90.5	89.9 90.5	89.9 90.5	89.9 90.5	89.9 90.5	90.0 90.6	90.0 90.6	90.0 90.6	90.1 90.8	90.1 90.8	90.1 90.8	90.1 90.8	90.2 90.9	90.2 90.9
IV 4500 IV 4000	57.3 57.5	90.9 91.4	91.3 91.8	91.3 91.8	91.3 91.8	91.3 91.8	91.3 91.8	91.4 91.9	91.4 91.9	91.4 91.9	91.5 92.0	91.5 92.0	91.5 92.0	91.5 92.0	91.6 92.2	91.6 92.2
IV 3500 IV 3000	57.6 57.7	91.7 92.2	92.2 92.6	92.2 92.6	92.2 92.6	92.2 92.6	92.2 92.6	92.3 92.7	92.3 92.7	92.3 92.7	92.4 92.8	92.4 92.8	92.4 92.8	92.4 92.8	92.5 92.9	92.5 92.9
IV 2500 IV 2000	57.8 58.2	92.8 93.9	93.2 94.3	93.2 94.3	93.2 94.4	93.2 94.4	93.2 94.4	93.3 94.5	93.3 94.5	93.3 94.5	93.4 94.6	93.4 94.6	93.4 94.6	93.4 94.6	93.5 94.7	93.5 94.7
IV 1800 IV 1500	58.3 58.5	94.1 94.5	94.5 94.9	94.5 94.9	94.6 95.1	94.6 95.1	94.6 95.1	94.7 95.2	94.7 95.2	94.7 95.2	94.8 95.3	94.8 95.3	94.8 95.3	94.8 95.3	94.9 95.4	94.9 95.4
IV 1200 IV 1000	58.6 53.7	94.9 95.3	95.5 95.8	95.5 95.9	95.7 96.1	95.7 96.1	95.7 96.1	95.8 96.2	95.8 96.2	95.8 96.2	95.9 96.3	95.9 96.3	95.9 96.3	95.9 96.3	96.0 96.5	96.0 96.5
IV 900 IV 800	58.8 58.8	95.6 95.6	96.1 96.2	96.3 96.6	96.7 97.0	96.7 97.0	96.7 97.0	96.8 97.1	96.8 97.1	96.8 97.1	96.9 97.2	96.9 97.2	96.9 97.2	96.9 97.2	97.0 97.3	97.0 97.3
IV 700 IV 600	58.9 58.9	95.9 96.6	96.6 97.2	96.9 97.5	97.3 98.0	97.3 98.0	97.3 98.0	97.4 98.1	97.4 98.1	97.4 98.1	97.5 98.2	97.5 98.2	97.5 98.2	97.5 98.2	97.6 98.3	97.6 98.3
IV 500 IV 400	58.9 58.9	96.6 97.0	97.4 97.6	97.7 98.3	98.2 98.8	98.2 98.8	98.2 98.8	98.3 98.9	98.3 98.9	98.3 98.9	98.4 99.1	98.4 99.1	98.4 99.1	98.4 99.1	98.5 99.2	98.5 99.2
IV 300 IV 200	58.9 58.9	97.1 97.3	97.7 98.0	98.6 98.8	99.1 99.4	99.1 99.4	99.1 99.4	99.4 99.6	99.4 99.6	99.4 99.6	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.7 99.9	99.7 99.9
IV 100 IV 0	58.9 58.9	97.3 97.3	98.0 98.0	98.8 98.8	99.4 99.4	99.4 99.4	99.4 99.4	99.6 99.6	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 100.0	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13351
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (U.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	78.5	69.3	70.5	70.9	71.4	71.5	71.6	71.7	71.8	71.8	71.9	71.9	72.0	72.0	72.1	72.2
≥ 20000	40.5	74.6	75.9	76.4	76.9	77.0	77.2	77.3	77.3	77.4	77.4	77.4	77.5	77.6	77.7	77.7
≥ 18000	40.5	74.7	76.0	76.4	76.9	77.0	77.2	77.3	77.4	77.4	77.5	77.5	77.6	77.7	77.8	77.8
≥ 16000	40.5	74.8	76.0	76.5	77.0	77.1	77.3	77.4	77.5	77.5	77.6	77.6	77.7	77.7	77.8	77.9
≥ 14000	40.6	75.0	76.3	76.8	77.3	77.4	77.6	77.7	77.8	77.8	77.9	77.9	78.0	78.0	78.1	78.2
≥ 12000	41.4	76.3	77.6	78.1	78.5	78.6	78.8	78.9	79.0	79.0	79.1	79.1	79.2	79.3	79.4	79.4
≥ 10000	42.2	78.6	79.9	80.5	81.0	81.1	81.3	81.4	81.5	81.5	81.6	81.6	81.7	81.8	81.9	81.9
≥ 9000	42.5	79.1	80.6	81.1	81.6	81.7	81.9	82.0	82.1	82.1	82.2	82.2	82.3	82.4	82.5	82.5
≥ 8000	43.3	81.4	82.8	83.4	84.0	84.1	84.3	84.4	84.5	84.5	84.6	84.6	84.7	84.8	84.9	84.9
≥ 7000	43.5	82.0	83.5	84.1	84.6	84.8	85.0	85.1	85.2	85.2	85.3	85.3	85.4	85.4	85.6	85.6
≥ 6000	43.8	82.4	84.0	84.6	85.2	85.3	85.5	85.6	85.7	85.7	85.8	85.8	85.9	86.0	86.1	86.1
≥ 5000	44.1	83.2	84.8	85.4	86.0	86.2	86.4	86.5	86.6	86.6	86.7	86.7	86.8	86.9	87.0	87.0
≥ 4500	44.4	83.7	85.3	85.9	86.5	86.7	86.9	87.0	87.1	87.1	87.2	87.2	87.3	87.4	87.5	87.5
≥ 4000	44.7	84.3	85.9	86.5	87.1	87.3	87.5	87.6	87.7	87.7	87.8	87.8	87.9	88.0	88.1	88.1
≥ 3500	44.9	84.7	86.3	86.9	87.5	87.6	87.9	88.0	88.1	88.1	88.2	88.2	88.3	88.4	88.5	88.5
≥ 3000	45.0	85.2	86.9	87.6	88.1	88.3	88.5	88.6	88.7	88.8	88.8	88.8	88.9	89.0	89.1	89.2
≥ 2500	45.3	85.9	87.6	88.3	88.9	89.1	89.3	89.4	89.5	89.5	89.6	89.6	89.7	89.8	89.9	89.9
≥ 2000	45.6	87.0	88.7	89.5	90.1	90.3	90.5	90.7	90.8	90.8	90.9	90.9	91.0	91.1	91.2	91.2
≥ 1800	45.8	87.4	89.1	89.9	90.5	90.7	90.9	91.1	91.2	91.2	91.3	91.3	91.4	91.5	91.6	91.6
≥ 1500	46.0	88.1	90.0	90.8	91.4	91.6	91.9	92.0	92.1	92.2	92.2	92.2	92.4	92.4	92.5	92.6
≥ 1200	46.3	89.0	90.9	91.9	92.6	92.8	93.1	93.2	93.4	93.4	93.5	93.5	93.6	93.7	93.8	93.9
≥ 1000	46.4	89.4	91.4	92.4	93.1	93.4	93.7	93.8	94.0	94.0	94.1	94.1	94.2	94.3	94.4	94.4
≥ 900	46.5	89.8	91.8	92.8	93.6	93.9	94.2	94.3	94.5	94.5	94.6	94.6	94.7	94.8	94.9	95.0
≥ 800	46.6	90.0	92.2	93.3	94.1	94.4	94.7	94.8	95.0	95.1	95.2	95.2	95.3	95.3	95.5	95.5
≥ 700	46.6	90.3	92.6	93.8	94.7	95.0	95.3	95.5	95.7	95.8	95.9	95.9	96.0	96.1	96.2	96.3
≥ 600	46.6	90.7	93.0	94.3	95.2	95.5	95.8	96.1	96.3	96.4	96.5	96.5	96.6	96.7	96.8	96.9
≥ 500	46.6	91.0	93.4	94.7	95.8	96.1	96.5	96.8	97.1	97.2	97.4	97.4	97.5	97.6	97.7	97.7
≥ 400	46.7	91.2	93.7	95.2	96.3	96.7	97.1	97.4	97.8	97.9	98.1	98.1	98.2	98.3	98.4	98.5
≥ 300	46.7	91.2	93.9	95.3	96.5	96.9	97.4	97.7	98.2	98.3	98.5	98.5	98.7	98.8	98.9	99.0
≥ 200	46.7	91.3	93.9	95.3	96.5	97.0	97.5	97.9	98.4	98.6	98.9	98.9	99.2	99.3	99.4	99.5
≥ 100	46.7	91.3	93.8	95.3	96.5	97.0	97.5	97.9	98.5	98.7	99.1	99.1	99.4	99.5	99.7	99.9
≥ 0	46.7	91.3	93.8	95.3	96.5	97.0	97.5	97.9	98.5	98.7	99.1	99.1	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7051
STATION

F1 RUCKER AL

STATION NAME

69-70,73-80

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥.
NO CEILING	40.5	63.1	63.5	63.8	65.5	65.7	66.3	66.5	66.6	66.6	66.9	66.9	67.4	67.5	67.6	68.1
≥ 20000	41.3	65.1	65.5	65.9	67.5	67.7	68.3	68.5	68.6	68.6	68.9	68.9	69.4	69.5	69.6	70.1
≥ 18000	41.3	65.1	65.5	65.9	67.5	67.7	68.3	68.5	68.6	68.6	68.9	68.9	69.4	69.5	69.6	70.1
≥ 16000	41.3	65.1	65.5	65.9	67.5	67.7	68.3	68.5	68.6	68.6	68.9	68.9	69.4	69.5	69.6	70.1
≥ 14000	41.3	65.1	65.5	65.9	67.5	67.7	68.3	68.5	68.6	68.6	68.9	68.9	69.4	69.5	69.6	70.1
≥ 12000	41.3	65.6	66.1	66.4	68.1	68.3	68.9	69.1	69.2	69.2	69.4	69.4	70.0	70.1	70.2	70.6
≥ 10000	42.2	67.4	67.9	68.2	70.0	70.2	70.9	71.1	71.2	71.2	71.4	71.4	72.2	72.3	72.5	73.0
≥ 9000	42.2	67.4	67.9	68.2	70.0	70.2	70.9	71.1	71.2	71.2	71.4	71.4	72.2	72.3	72.5	73.0
≥ 8000	42.8	69.7	69.2	69.5	71.3	71.5	72.2	72.4	72.5	72.5	72.7	72.7	73.5	73.6	73.9	74.3
≥ 7000	43.3	69.3	69.7	70.1	72.0	72.2	72.9	73.1	73.2	73.2	73.4	73.4	74.2	74.3	74.5	75.0
≥ 6000	44.0	70.6	71.1	71.4	73.3	73.5	74.2	74.4	74.9	74.9	75.1	75.1	75.9	76.0	76.2	76.6
≥ 5000	44.7	71.7	72.2	72.5	74.4	74.6	75.3	75.5	76.0	76.0	76.3	76.3	77.1	77.2	77.4	77.9
≥ 4500	45.3	72.4	72.9	73.2	75.1	75.3	76.0	76.2	76.6	76.6	77.0	77.0	77.8	78.0	78.2	78.8
≥ 4000	46.2	73.9	74.3	74.6	76.8	77.0	77.6	77.9	78.3	78.3	78.6	78.6	79.4	79.6	79.9	80.4
≥ 3500	46.4	74.4	74.9	75.2	77.4	77.6	78.3	78.5	79.0	79.0	79.3	79.3	80.1	80.3	80.5	81.1
≥ 3000	46.6	75.1	75.5	75.9	78.1	78.3	79.1	79.3	79.8	79.8	80.1	80.1	80.9	81.1	81.3	82.0
≥ 2500	47.3	76.4	76.9	77.2	79.4	79.6	80.4	80.6	81.1	81.1	81.4	81.4	82.2	82.4	82.6	83.3
≥ 2000	47.5	78.0	79.4	78.8	81.0	81.2	82.0	82.2	82.6	82.6	83.0	83.0	83.8	84.0	84.2	84.9
≥ 1800	47.7	78.4	78.9	79.2	81.4	81.6	82.4	82.6	83.1	83.1	83.4	83.4	84.2	84.4	84.6	85.3
≥ 1500	48.1	79.6	80.1	80.4	82.6	82.9	83.6	83.9	84.3	84.3	84.6	84.6	85.4	85.7	85.9	86.5
≥ 1200	48.4	80.3	81.0	81.4	83.8	84.0	84.9	85.1	85.5	85.5	85.9	85.9	86.7	86.9	87.1	87.8
≥ 1000	48.6	80.8	81.4	81.9	84.2	84.4	85.4	85.7	86.1	86.1	86.4	86.4	87.2	87.4	87.7	88.3
≥ 900	48.8	81.4	82.1	82.5	85.0	85.2	86.2	86.4	86.9	86.9	87.2	87.2	88.0	88.2	88.5	89.2
≥ 800	48.9	81.5	82.2	82.6	85.1	85.3	86.3	86.5	87.0	87.0	87.3	87.3	88.1	88.3	88.7	89.3
≥ 700	48.8	81.5	82.4	82.9	85.3	85.5	86.5	86.8	87.2	87.2	87.5	87.5	88.3	88.5	88.9	89.5
≥ 600	48.8	82.2	83.4	83.9	86.3	86.5	87.7	87.9	88.4	88.4	88.8	88.8	89.5	89.8	90.1	90.8
≥ 500	48.9	82.8	84.4	85.1	87.7	87.9	89.1	89.3	89.9	89.9	90.3	90.3	91.1	91.4	91.8	92.4
≥ 400	48.8	83.3	85.2	86.0	88.8	89.0	90.5	90.8	91.4	91.5	92.0	92.0	92.8	93.1	93.4	94.2
≥ 300	48.8	83.5	85.4	86.5	89.4	89.6	92.1	92.3	93.0	93.1	93.7	93.7	94.4	94.8	95.1	95.9
≥ 200	48.9	83.5	85.4	86.5	89.7	90.1	92.5	93.1	93.8	94.1	94.9	94.9	96.0	96.4	97.0	97.8
≥ 100	48.8	83.5	85.4	86.5	89.7	90.2	92.7	93.2	94.0	94.3	95.2	95.2	97.0	97.4	98.7	99.6
≥ 0	48.8	83.5	85.4	86.5	89.7	90.2	92.7	93.2	94.0	94.3	95.2	95.2	97.0	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03350 FT RUCKER AL

69-70,73-80

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	37.6	58.1	59.8	60.3	60.9	61.1	61.7	62.7	62.9	63.1	63.7	63.8	64.9	65.1	65.7	66.3
IV 20000	38.1	59.6	61.4	62.0	62.8	63.0	63.6	64.6	64.8	65.0	65.6	65.7	66.8	67.0	67.5	68.2
IV 18000	38.1	59.6	61.4	62.0	62.8	63.0	63.6	64.6	64.8	65.0	65.6	65.7	66.8	67.0	67.6	68.2
IV 16000	38.1	59.6	61.4	62.0	62.8	63.0	63.6	64.6	64.8	65.0	65.6	65.7	66.8	67.0	67.6	68.2
IV 14000	38.1	59.8	61.7	62.2	63.0	63.2	63.8	64.8	65.0	65.2	65.8	65.9	67.0	67.2	67.8	68.4
IV 12000	38.1	60.0	61.9	62.4	63.2	63.4	64.0	65.0	65.2	65.4	66.0	66.1	67.2	67.4	68.0	68.7
IV 10000	39.3	61.7	63.6	64.1	65.0	65.2	65.8	66.8	67.2	67.4	68.0	68.1	69.2	69.4	70.2	70.9
IV 9000	39.3	61.8	63.7	64.2	65.1	65.3	65.9	66.9	67.3	67.6	68.1	68.2	69.3	69.6	70.3	71.0
IV 8000	40.1	63.0	64.9	65.4	66.3	66.6	67.1	68.1	68.6	68.8	69.3	69.4	70.6	70.8	71.6	72.2
IV 7000	40.9	63.9	65.8	66.3	67.2	67.4	68.0	69.0	69.4	69.7	70.2	70.3	71.4	71.7	72.4	73.1
IV 6000	41.1	64.7	66.6	67.1	68.0	68.2	68.8	69.8	70.2	70.4	71.0	71.1	72.3	72.6	73.3	74.0
IV 5000	42.7	66.1	68.0	68.6	69.4	69.7	70.2	71.2	71.7	71.9	72.4	72.6	73.8	74.0	74.9	75.4
IV 4500	42.6	66.7	68.6	69.1	70.0	70.2	70.8	71.8	72.2	72.4	73.0	73.1	74.3	74.6	75.3	76.0
IV 4000	43.1	67.7	69.6	70.1	71.0	71.2	71.8	72.8	73.2	73.4	74.0	74.1	75.3	75.6	76.3	77.0
IV 3500	43.3	68.0	70.0	70.5	71.4	71.6	72.2	73.2	73.6	73.8	74.4	74.5	75.7	76.0	76.7	77.4
IV 3000	43.7	68.7	70.7	71.2	72.1	72.3	72.9	73.9	74.3	74.5	75.1	75.2	76.4	76.7	77.4	78.1
IV 2500	44.4	69.9	72.0	72.5	73.4	73.6	74.2	75.2	75.6	75.8	76.4	76.5	77.7	78.0	78.7	79.4
IV 2000	45.0	71.4	73.7	74.2	75.1	75.3	75.9	76.9	77.3	77.5	78.1	78.2	79.4	79.7	80.4	81.1
IV 1800	45.2	72.1	74.3	74.8	75.7	75.9	76.5	77.5	77.9	78.1	78.7	78.8	79.9	80.2	80.9	81.6
IV 1500	45.6	73.0	75.3	75.8	76.7	76.9	77.5	78.5	78.9	79.1	79.7	79.8	80.9	81.2	81.9	82.6
IV 1200	46.0	74.1	76.4	76.9	77.8	78.0	78.6	79.6	80.0	80.2	80.8	80.9	82.0	82.3	83.0	83.7
IV 1000	46.1	74.7	77.0	77.5	78.4	78.6	79.2	80.2	80.6	80.8	81.4	81.5	82.6	82.9	83.6	84.3
IV 900	46.1	75.2	77.5	78.0	78.9	79.1	79.7	80.7	81.1	81.3	81.9	82.0	83.1	83.4	84.1	84.8
IV 800	46.2	76.0	78.3	78.8	79.7	79.9	80.5	81.5	81.9	82.1	82.7	82.8	83.9	84.2	84.9	85.6
IV 700	46.2	76.2	79.2	79.7	80.6	80.8	81.4	82.4	82.8	83.0	83.6	83.7	84.8	85.1	85.8	86.5
IV 600	46.6	76.9	80.1	80.6	81.5	81.7	82.3	83.3	83.7	83.9	84.5	84.6	85.7	86.0	86.7	87.4
IV 500	46.6	77.2	80.7	81.2	82.1	82.3	82.9	83.9	84.3	84.5	85.1	85.2	86.3	86.6	87.3	88.0
IV 400	46.6	78.7	82.6	83.1	84.0	84.2	84.8	85.8	86.2	86.4	87.0	87.1	88.2	88.5	89.2	89.9
IV 300	46.6	78.8	82.7	83.2	84.1	84.3	84.9	85.9	86.3	86.5	87.1	87.2	88.3	88.6	89.3	90.0
IV 200	46.6	78.8	82.7	83.2	84.1	84.3	84.9	85.9	86.3	86.5	87.1	87.2	88.3	88.6	89.3	90.0
IV 100	46.6	78.8	82.7	83.2	84.1	84.3	84.9	85.9	86.3	86.5	87.1	87.2	88.3	88.6	89.3	90.0
IV 0	46.6	78.8	82.7	83.2	84.1	84.3	84.9	85.9	86.3	86.5	87.1	87.2	88.3	88.6	89.3	90.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03950
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.4	≥0
NO CEILING	23.9	46.0	48.7	51.2	52.4	52.8	53.1	53.6	53.8	54.1	54.4	54.4	55.0	55.1	55.6	56.3
≥ 20000	24.9	49.1	51.9	54.9	56.1	56.7	57.0	57.6	57.8	58.1	58.4	58.4	59.1	59.3	59.8	60.7
≥ 18000	24.8	49.1	51.9	54.9	56.1	56.7	57.0	57.6	57.8	58.1	58.4	58.4	59.1	59.3	59.8	60.7
≥ 16000	24.4	49.2	52.0	55.0	56.2	56.8	57.1	57.7	57.9	58.2	58.6	58.6	59.2	59.4	59.9	60.8
≥ 14000	24.9	49.2	52.0	55.0	56.2	56.8	57.1	57.7	57.9	58.2	58.6	58.6	59.2	59.4	59.9	60.8
≥ 12000	24.8	49.6	52.3	55.3	56.7	57.2	57.6	58.1	58.3	58.7	59.7	59.0	59.7	59.9	60.3	61.2
≥ 10000	25.1	51.4	54.4	57.6	59.0	59.6	59.9	60.4	60.7	61.0	61.4	61.4	62.2	62.4	62.9	63.8
≥ 9000	25.3	51.9	55.1	58.2	59.7	60.2	60.6	61.1	61.3	61.7	62.1	62.1	62.9	63.1	63.6	64.4
≥ 8000	25.7	53.9	57.4	60.6	62.0	62.6	62.9	63.4	63.7	64.0	64.4	64.4	65.2	65.4	65.9	66.8
≥ 7000	26.1	54.6	58.1	61.2	62.7	63.2	63.6	64.1	64.3	64.7	65.1	65.1	65.9	66.1	66.6	67.4
≥ 6000	27.2	56.3	59.9	63.0	64.4	65.0	65.3	65.9	66.1	66.4	66.9	66.9	67.7	67.9	68.3	69.2
≥ 5000	27.6	57.6	61.4	64.8	66.2	66.8	67.1	67.7	67.9	68.3	68.8	68.8	69.6	69.8	70.2	71.1
≥ 4500	28.0	58.4	62.3	65.7	67.1	67.8	68.1	68.7	68.9	69.3	69.8	69.8	70.6	70.8	71.2	72.1
≥ 4000	28.3	59.2	63.1	66.4	67.9	68.7	69.3	69.9	70.1	70.6	71.0	71.0	71.8	72.1	72.6	73.4
≥ 3500	29.7	59.7	63.6	66.9	68.3	69.1	69.8	70.3	70.6	71.1	71.4	71.4	72.2	72.6	73.0	73.9
≥ 3000	29.1	60.2	64.2	67.7	69.2	70.0	70.7	71.2	71.4	71.9	72.3	72.3	73.1	73.4	73.9	74.8
≥ 2500	29.2	60.7	64.9	68.4	70.0	70.9	71.6	72.1	72.3	72.8	73.2	73.2	74.0	74.3	74.8	75.7
≥ 2000	29.8	62.0	66.4	70.0	71.8	72.7	73.3	74.1	74.3	74.8	75.3	75.3	76.1	76.4	76.9	77.8
≥ 1800	29.8	62.7	67.1	70.7	72.4	73.3	74.0	74.9	75.1	75.6	76.1	76.1	76.9	77.2	77.7	78.6
≥ 1500	29.8	63.6	68.2	71.8	73.6	74.4	75.1	76.0	76.2	76.7	77.2	77.2	78.0	78.3	78.8	79.7
≥ 1200	30.0	64.1	68.8	72.4	74.2	75.1	75.9	76.9	77.1	77.6	78.1	78.1	78.9	79.2	79.7	80.6
≥ 1000	30.4	65.7	70.3	74.0	75.8	76.8	77.6	78.6	78.9	79.3	79.9	79.9	80.8	81.1	81.6	82.4
≥ 900	30.3	65.9	70.8	74.7	76.7	77.7	78.4	79.4	79.8	80.2	80.8	80.8	81.7	82.0	82.4	83.3
≥ 800	30.3	65.9	70.8	74.9	77.1	78.2	79.2	80.2	80.6	81.0	81.6	81.6	82.4	82.8	83.2	84.1
≥ 700	30.6	66.7	71.6	76.0	78.4	79.6	80.8	81.9	82.2	82.7	83.2	83.2	84.1	84.4	84.9	85.8
≥ 600	30.7	67.3	72.3	76.8	79.4	80.8	82.0	83.1	83.6	84.0	84.6	84.6	85.9	86.2	86.7	87.6
≥ 500	30.7	68.2	73.9	78.3	81.6	83.0	84.4	85.6	86.0	86.4	87.0	87.0	88.3	88.7	89.1	90.0
≥ 400	30.7	68.6	74.3	79.0	82.4	84.1	85.9	87.2	87.9	88.4	89.1	89.1	90.4	90.8	91.2	92.2
≥ 300	30.7	69.0	74.8	79.7	83.4	85.2	87.3	89.0	90.2	91.9	91.8	91.8	93.1	93.6	94.0	95.0
≥ 200	30.7	69.0	74.9	80.0	83.9	85.7	88.0	89.8	91.3	92.1	93.3	93.3	95.3	95.8	96.6	97.8
≥ 100	30.7	69.0	74.9	80.0	83.9	85.7	88.1	89.9	91.4	92.2	93.6	93.6	95.7	96.1	97.6	99.2
≥ 0	30.7	69.0	74.9	80.0	83.9	85.7	88.1	89.9	91.4	92.2	93.6	93.6	95.7	96.1	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13950
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1900
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	28.2	56.4	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.9	57.9
≥ 20000	29.1	61.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.6	62.6
IV 18000	29.1	61.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.6	62.6
IV 16000	29.1	61.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.6	62.6
IV 14000	29.2	61.6	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.1	63.1
IV 12000	29.2	62.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.7	63.7
IV 10000	29.9	64.2	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	66.0	66.0
IV 9000	30.2	64.8	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.6	66.6
IV 8000	30.8	67.7	69.1	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.9	69.9
IV 7000	30.8	68.2	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.4	70.4
IV 6000	31.6	69.6	71.0	71.2	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	72.0	72.0
IV 5000	32.3	70.7	72.3	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.6	73.6
IV 4500	33.1	72.1	73.8	74.2	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.1	75.1
IV 4000	33.4	73.7	74.7	75.2	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	76.1	76.1
IV 3500	33.6	73.7	75.4	76.1	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	77.1	77.1
IV 3000	33.7	74.1	75.9	76.6	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.6	77.6
IV 2500	33.9	75.4	77.4	78.1	78.3	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	79.1	79.1
IV 2000	34.1	77.1	79.3	80.0	80.2	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8	81.0	81.0
IV 1800	34.1	77.4	79.8	80.4	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.4	81.4
IV 1500	34.4	79.7	82.0	82.7	82.9	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.8	83.8
IV 1200	34.7	80.8	83.6	84.3	84.8	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.1	86.1
IV 1000	34.8	81.9	84.8	85.8	86.3	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.8	87.8
IV 900	35.1	83.4	86.4	87.9	88.4	89.0	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.9	89.9
IV 800	35.1	83.9	87.1	88.7	89.2	89.8	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.9	90.9
IV 700	35.1	84.1	87.9	89.8	90.7	91.4	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.7	92.7
IV 600	35.1	85.4	89.1	91.2	92.1	92.9	93.7	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.2	94.2
IV 500	35.1	86.1	90.2	92.7	94.1	95.0	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.7	96.7
IV 400	35.1	86.1	90.7	93.2	94.8	95.7	96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.6	97.8	97.8
IV 300	35.1	86.2	91.0	93.8	95.3	96.2	97.4	97.9	98.2	98.3	98.4	98.4	98.4	98.8	99.0	99.0
IV 200	35.1	86.2	91.1	94.0	95.6	96.4	97.9	98.4	98.8	98.9	99.0	99.0	99.0	99.4	99.7	99.7
IV 100	35.1	86.2	91.1	94.0	95.6	96.4	97.9	98.4	98.9	99.0	99.1	99.1	99.1	99.7	99.9	100.0
IV 0	35.1	86.2	91.1	94.0	95.6	96.4	97.9	98.4	98.9	99.0	99.1	99.1	99.1	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03451
STATION

FT RUCKER AL

STATION NAME

69-70,73-80

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	33.7	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥20000	35.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥18000	35.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥16000	35.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥14000	35.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥12000	36.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥10000	37.0	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥9000	37.2	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥8000	38.1	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥7000	38.7	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥6000	39.9	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥5000	40.4	77.1	77.2	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥4500	40.7	77.3	77.4	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥4000	41.7	79.1	79.3	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥3500	42.2	80.1	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥3000	42.6	82.1	82.4	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥2500	42.9	84.3	84.8	85.0	85.3	85.3	85.4	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥2000	43.1	87.0	87.6	87.8	88.1	88.1	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥1800	43.2	87.8	88.3	88.7	89.0	89.0	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥1500	43.4	89.2	89.8	90.1	90.6	90.6	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥1200	43.7	90.4	91.3	91.7	92.2	92.3	92.6	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥1000	43.4	91.9	92.8	93.1	93.8	94.0	94.2	94.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥900	44.0	92.6	93.6	94.0	94.7	94.9	95.1	95.2	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥800	44.1	92.8	94.1	94.6	95.4	95.7	95.9	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥700	44.2	93.1	94.3	94.9	95.8	96.0	96.3	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥600	44.0	93.2	94.8	95.3	96.3	96.6	97.0	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥500	44.0	93.7	95.6	96.3	97.4	97.7	98.2	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥400	44.0	94.0	96.0	96.8	97.9	98.1	98.8	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥300	44.0	94.0	96.1	96.9	98.1	98.3	99.0	99.2	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥200	44.0	94.0	96.1	96.9	98.2	98.4	99.1	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥100	44.0	94.0	96.1	96.9	98.2	98.4	99.1	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥0	44.0	94.0	96.1	96.9	98.2	98.4	99.1	99.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
73450

STATION NAME
FT RUCKER AL

YEARS
69-70, 73-80

NCV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	36.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 20000	37.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	37.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	37.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	38.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	39.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	39.9	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	40.2	73.2	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	40.9	76.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	41.1	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	41.8	78.6	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	42.4	81.3	81.9	81.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	43.2	80.8	81.3	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	44.1	82.7	83.2	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	44.4	83.9	84.6	84.8	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	44.7	85.2	85.9	86.1	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	45.0	86.9	87.7	88.0	88.9	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	45.0	88.2	89.2	89.7	90.6	90.7	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	45.1	88.7	89.7	90.1	91.0	91.1	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	45.2	88.9	90.0	90.6	91.4	91.7	92.0	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	45.2	89.7	90.8	91.3	92.2	92.4	92.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	45.2	90.0	91.2	91.8	92.7	93.0	93.3	93.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	45.3	90.4	91.7	92.2	93.1	93.6	93.9	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	45.3	90.7	92.0	92.7	93.6	94.0	94.3	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	45.3	90.8	92.2	93.0	93.9	94.3	94.7	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	45.3	91.7	93.1	94.0	94.9	95.3	95.7	95.9	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	45.3	92.0	93.6	94.6	95.4	95.9	96.3	96.8	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	45.3	92.2	94.2	95.3	96.4	96.9	97.4	98.0	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	45.3	92.3	94.3	95.4	96.6	97.0	97.8	98.3	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	45.3	92.3	94.3	95.4	96.6	97.0	97.8	98.3	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	45.3	92.3	94.3	95.4	96.6	97.0	97.9	98.6	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	45.3	92.3	94.3	95.4	96.6	97.0	97.9	98.6	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL

YEARS 69-70, 73-80

MONTH NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	43.6 45.7	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6	67.0 71.6
≥ 18000 ≥ 16000	45.3 45.7	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6	71.6 71.6
≥ 14000 ≥ 12000	43.3 45.3	71.8 72.0	71.8 72.0	71.8 72.0	71.8 72.0	71.8 72.1	71.8 72.1	71.8 72.1	71.8 72.1	71.8 72.1	71.8 72.1	71.8 72.1	71.8 72.1	71.8 72.1	71.8 72.1	71.8 72.1
≥ 10000 ≥ 9000	47.0 47.4	74.7 75.0	74.7 75.0	74.7 75.0	74.7 75.0	74.8 75.1	74.8 75.1	74.8 75.1	74.8 75.1	74.8 75.1	74.8 75.1	74.8 75.1	74.8 75.1	74.8 75.1	74.8 75.1	74.8 75.1
≥ 8000 ≥ 7000	49.7 50.5	78.6 79.7	78.6 79.7	78.6 79.7	78.6 79.7	78.7 79.8	78.7 79.8	78.8 80.2	78.8 80.2	78.8 80.2	78.8 80.2	78.8 80.2	78.8 80.2	78.8 80.2	78.8 80.2	78.8 80.2
≥ 6000 ≥ 5000	52.3 52.7	82.1 83.1	82.1 83.2	82.1 83.2	82.1 83.2	82.2 83.3	82.2 83.3	82.5 83.6	82.5 83.6	82.5 83.6	82.5 83.6	82.5 83.6	82.5 83.6	82.5 83.6	82.5 83.6	82.5 83.6
≥ 4500 ≥ 4000	53.7 53.4	83.7 85.1	83.8 85.2	83.8 85.2	83.8 85.2	83.9 85.3	83.9 85.3	84.3 85.6	84.3 85.6	84.3 85.6	84.3 85.6	84.3 85.6	84.3 85.6	84.3 85.6	84.3 85.6	84.3 85.6
≥ 3500 ≥ 3000	54.0 54.1	86.2 87.0	86.3 87.1	86.3 87.1	86.3 87.1	86.4 87.2	86.4 87.2	86.7 87.5	86.7 87.5	86.7 87.5	86.7 87.5	86.7 87.5	86.7 87.5	86.7 87.5	86.7 87.5	86.7 87.5
≥ 2500 ≥ 2000	54.2 54.4	88.2 90.0	88.4 90.3	88.4 90.3	88.4 90.3	88.5 90.4	88.5 90.4	88.9 90.9	88.9 90.9	89.0 91.0	89.0 91.0	89.0 91.0	89.0 91.0	89.0 91.0	89.0 91.0	89.0 91.0
≥ 1800 ≥ 1500	54.4 54.6	90.3 91.1	90.6 91.4	90.6 91.5	90.6 91.5	90.7 91.6	90.7 91.6	91.2 92.1	91.2 92.1	91.3 92.2	91.3 92.2	91.3 92.2	91.3 92.2	91.3 92.2	91.3 92.2	91.3 92.2
≥ 1200 ≥ 1000	54.7 54.7	91.5 91.5	91.9 91.9	92.1 92.3	92.1 92.4	92.2 92.5	92.2 92.5	92.6 93.1	92.6 93.1	92.8 93.2	92.8 93.2	92.8 93.2	92.8 93.2	92.8 93.2	92.8 93.2	92.8 93.2
≥ 900 ≥ 800	55.2 55.2	92.2 92.2	92.5 92.6	93.0 93.1	93.1 93.3	93.2 93.4	93.2 93.4	93.8 94.0	93.8 94.0	93.9 94.1	93.9 94.1	93.9 94.1	93.9 94.1	93.9 94.1	93.9 94.1	93.9 94.1
≥ 700 ≥ 600	55.2 55.3	92.4 93.0	93.1 93.5	93.4 94.1	93.8 94.4	93.9 94.5	93.9 94.5	94.4 95.1	94.4 95.1	94.5 95.2	94.5 95.2	94.5 95.2	94.5 95.2	94.5 95.3	94.5 95.3	94.5 95.3
≥ 500 ≥ 400	55.4 55.4	93.3 93.5	94.0 94.3	94.5 95.2	94.9 95.5	95.1 95.8	95.1 95.8	95.8 96.5	95.8 96.5	96.1 97.1	96.2 97.2	96.2 97.2	96.2 97.3	96.3 97.3	96.3 97.3	96.3 97.3
≥ 300 ≥ 200	55.4 55.4	93.5 93.5	94.0 94.0	95.7 95.9	96.1 96.3	96.3 96.5	96.3 96.5	97.1 97.3	97.1 97.7	97.8 98.1	97.9 98.2	97.9 98.2	97.9 98.6	98.1 98.6	98.1 98.6	98.1 98.6
≥ 100 ≥ 0	55.4 55.4	93.5 93.5	94.0 94.0	96.0 96.0	96.4 96.4	96.7 96.7	96.7 96.7	97.4 97.4	97.8 97.8	98.3 98.3	98.6 98.6	98.6 98.6	98.6 99.3	99.3 99.3	99.3 99.3	99.6 99.6

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FT RUCKER AL

69-70,73-80

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.3	67.7	67.8	67.8	68.2	68.2	68.2	68.3	68.3	68.3	68.5	68.5	68.7	68.7	68.7	68.7
≥ 20000	44.1	70.1	70.2	70.2	70.7	70.7	70.7	70.8	70.8	70.8	70.9	70.9	71.1	71.1	71.1	71.1
≥ 18000	44.1	70.1	70.2	70.2	70.7	70.7	70.7	70.8	70.8	70.8	70.9	70.9	71.1	71.1	71.1	71.1
≥ 16000	44.1	70.1	70.2	70.2	70.7	70.7	70.7	70.8	70.8	70.8	70.9	70.9	71.1	71.1	71.1	71.1
≥ 14000	44.1	70.1	70.2	70.2	70.7	70.7	70.7	70.8	70.8	70.8	70.9	70.9	71.1	71.1	71.1	71.1
≥ 12000	44.6	70.9	71.1	71.1	71.7	71.7	71.7	71.8	71.8	71.8	71.9	71.9	72.1	72.1	72.1	72.1
≥ 10000	46.5	74.1	74.2	74.2	74.9	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.4	75.4	75.4	75.4
≥ 9000	46.7	74.4	74.5	74.5	75.1	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.6	75.6	75.6	75.6
≥ 8000	48.3	77.0	77.3	77.3	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.4	78.4	78.4	78.4
≥ 7000	48.9	77.7	77.9	77.9	78.6	78.6	78.6	78.8	79.0	79.0	79.2	79.2	79.4	79.4	79.4	79.4
≥ 6000	50.1	79.4	79.6	79.6	80.3	80.3	80.3	80.5	80.7	80.7	80.8	80.8	81.0	81.0	81.0	81.0
≥ 5000	51.4	80.5	80.7	80.7	81.4	81.4	81.4	81.6	81.8	81.8	81.9	81.9	82.2	82.2	82.2	82.2
≥ 4500	50.7	81.2	81.4	81.4	82.1	82.1	82.1	82.3	82.5	82.5	82.6	82.6	82.8	82.8	82.8	82.8
≥ 4000	51.1	81.6	81.8	81.8	82.6	82.6	82.6	82.8	83.1	83.1	83.2	83.2	83.4	83.4	83.4	83.4
≥ 3500	51.3	82.3	82.5	82.6	83.3	83.3	83.3	83.5	83.7	83.7	83.8	83.8	84.1	84.1	84.1	84.1
≥ 3000	51.7	83.3	83.5	83.6	84.3	84.3	84.3	84.5	84.7	84.8	84.9	84.9	85.2	85.2	85.2	85.2
≥ 2500	52.1	85.2	85.4	85.5	86.2	86.2	86.2	86.4	86.6	86.7	86.8	86.8	87.1	87.1	87.1	87.1
≥ 2000	52.2	86.6	86.8	87.0	87.6	87.6	87.6	87.8	88.1	88.2	88.3	88.3	88.5	88.5	88.5	88.5
≥ 1800	52.4	86.8	87.1	87.2	87.8	87.8	87.8	88.1	88.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7
≥ 1500	52.6	87.3	87.5	87.7	88.4	88.4	88.4	88.6	88.9	89.0	89.1	89.1	89.3	89.3	89.3	89.3
≥ 1200	53.1	87.7	88.0	88.3	89.0	89.0	89.0	89.2	89.4	89.5	89.6	89.6	89.9	89.9	89.9	89.9
≥ 1000	53.3	88.2	88.5	88.7	89.4	89.4	89.4	89.6	89.9	90.1	90.3	90.4	90.5	90.7	90.7	90.7
≥ 900	53.3	88.4	88.7	89.4	90.3	90.3	90.3	90.5	90.7	90.9	91.0	91.0	91.2	91.2	91.2	91.2
≥ 800	53.3	88.6	89.0	89.6	90.5	90.5	90.5	90.7	91.0	91.1	91.2	91.2	91.4	91.4	91.4	91.4
≥ 700	53.4	89.2	89.9	90.5	91.4	91.4	91.4	91.6	91.9	92.0	92.1	92.1	92.3	92.3	92.3	92.3
≥ 600	53.5	90.0	90.9	91.5	92.4	92.4	92.4	92.8	93.0	93.2	93.3	93.4	93.6	93.6	93.6	93.6
≥ 500	53.6	90.6	91.6	92.4	93.6	93.6	94.0	94.4	94.8	94.9	95.0	95.0	95.2	95.2	95.2	95.2
≥ 400	53.6	90.9	91.9	92.9	94.4	94.4	94.9	95.4	95.8	95.9	96.0	96.0	96.2	96.2	96.2	96.2
≥ 300	53.6	91.0	92.1	93.2	94.9	95.1	95.5	96.1	96.4	96.7	96.8	96.8	97.0	97.0	97.0	97.0
≥ 200	53.6	91.2	92.3	93.6	95.5	95.8	96.3	96.9	97.3	97.5	97.8	97.8	98.2	98.2	98.2	98.2
≥ 100	53.6	91.2	92.3	93.6	95.7	96.0	96.8	97.3	97.8	98.0	98.3	98.3	98.8	98.9	99.2	99.3
≥ 0	53.6	91.2	92.3	93.6	95.7	96.0	96.8	97.3	97.8	98.0	98.4	98.4	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
03850

FT RUCKER AL

STATION NAME

69-70, 73-81

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥0
NO CEILING	35.9	59.5	60.3	60.7	61.2	61.3	61.5	61.7	61.8	61.9	62.7	62.9	62.9	62.4	62.4	62.8
≥ 20000	37.0	63.9	64.7	65.2	65.8	65.9	66.1	66.3	66.4	66.4	66.6	66.6	66.6	66.9	67.2	67.4
≥ 18000	37.0	63.9	64.7	65.2	65.8	65.9	66.1	66.3	66.4	66.4	66.6	66.6	66.6	66.9	67.2	67.4
≥ 16000	37.0	64.0	64.7	65.2	65.9	65.9	66.1	66.3	66.4	66.5	66.6	66.6	67.0	67.0	67.2	67.4
≥ 14000	37.1	64.2	65.0	65.5	66.1	66.2	66.4	66.6	66.7	66.7	66.9	66.9	67.2	67.3	67.5	67.7
≥ 12000	37.3	64.8	65.6	66.1	66.6	66.8	67.0	67.2	67.3	67.3	67.5	67.5	67.8	67.9	68.1	68.3
≥ 10000	38.3	67.0	67.9	68.4	69.0	69.2	69.4	69.6	69.7	69.8	69.9	70.0	70.3	70.4	70.6	70.9
≥ 9000	38.5	67.4	68.3	68.8	69.4	69.6	69.8	70.0	70.1	70.2	70.3	70.3	70.7	70.8	71.0	71.2
≥ 8000	39.5	69.9	70.9	71.4	72.1	72.2	72.4	72.7	72.8	72.8	73.0	73.0	73.4	73.5	73.7	73.9
≥ 7000	40.0	70.6	71.6	72.2	72.8	73.0	73.2	73.5	73.6	73.7	73.8	73.8	74.2	74.3	74.5	74.7
≥ 6000	41.0	72.1	73.2	73.7	74.4	74.6	74.8	75.0	75.2	75.3	75.4	75.5	75.9	75.9	76.1	76.4
≥ 5000	41.6	73.4	74.5	75.1	75.9	76.0	76.2	76.5	76.7	76.8	76.9	76.9	77.3	77.4	77.6	77.9
≥ 4500	42.1	74.1	75.2	75.8	76.5	76.7	76.9	77.2	77.4	77.5	77.7	77.7	78.1	78.2	78.4	78.6
≥ 4000	42.7	75.3	76.4	77.0	77.9	78.1	78.3	78.6	78.8	78.9	79.0	79.1	79.5	79.6	79.8	80.0
≥ 3500	43.0	76.0	77.2	77.9	78.8	79.0	79.2	79.5	79.7	79.8	80.0	80.0	80.4	80.5	80.7	81.0
≥ 3000	43.3	76.9	78.0	78.9	79.7	79.9	80.2	80.5	80.7	80.8	81.0	81.0	81.4	81.5	81.7	82.0
≥ 2500	43.6	78.4	79.7	80.4	81.3	81.5	81.8	82.1	82.3	82.5	82.6	82.7	83.1	83.2	83.4	83.7
≥ 2000	43.9	80.0	81.5	82.2	83.1	83.4	83.7	84.1	84.2	84.4	84.6	84.6	85.0	85.1	85.3	85.6
≥ 1800	44.0	80.5	82.0	82.7	83.7	83.9	84.2	84.6	84.8	84.9	85.1	85.1	85.5	85.7	85.8	86.1
≥ 1500	44.2	81.5	83.0	83.8	84.8	85.0	85.3	85.7	85.9	86.1	86.3	86.3	86.7	86.8	87.0	87.3
≥ 1200	44.5	82.3	84.0	84.8	85.8	86.1	86.5	86.9	87.1	87.3	87.5	87.5	87.9	88.1	88.2	88.5
≥ 1000	44.6	83.1	84.8	85.7	86.8	87.2	87.6	88.0	88.3	88.4	88.6	88.6	89.0	89.2	89.4	89.6
≥ 900	44.8	83.7	85.5	86.5	87.7	88.0	88.5	88.9	89.1	89.3	89.5	89.5	89.9	90.1	90.3	90.5
≥ 800	44.4	83.9	85.8	87.0	88.2	88.6	89.1	89.5	89.8	90.0	90.2	90.2	90.6	90.7	90.9	91.2
≥ 700	44.8	84.3	86.3	87.6	88.9	89.3	89.9	90.3	90.6	90.8	91.0	91.0	91.4	91.5	91.7	92.0
≥ 600	44.9	85.0	87.2	88.5	89.8	90.3	90.9	91.4	91.7	91.9	92.1	92.1	92.6	92.8	93.0	93.2
≥ 500	44.9	85.5	88.1	89.5	91.0	91.5	92.3	92.9	93.2	93.4	93.7	93.7	94.2	94.4	94.6	94.9
≥ 400	44.9	85.9	88.6	90.3	92.0	92.6	93.5	94.1	94.6	94.9	95.2	95.2	95.7	95.9	96.1	96.4
≥ 300	44.9	86.0	88.9	90.7	92.6	93.2	94.4	95.1	95.6	96.0	96.3	96.3	96.8	97.1	97.3	97.6
≥ 200	44.9	86.1	88.9	90.9	92.8	93.5	94.7	95.5	96.1	96.5	96.9	97.0	97.7	97.9	98.3	98.6
≥ 100	44.9	86.1	88.9	90.9	92.9	93.5	94.8	95.6	96.3	96.7	97.2	97.2	98.1	98.4	99.1	99.5
≥ 0	44.9	86.1	88.9	90.9	92.9	93.5	94.8	95.6	96.3	96.7	97.2	97.2	98.2	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7193

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0355L
STATION

FT RUCKER AL

STATION NAME

66-70,73-79

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	43.7	56.7	57.2	57.5	57.7	57.7	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.5	58.9
≥ 20000	44.7	58.9	59.5	59.8	60.0	60.0	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.8	61.4
≥ 18000	44.9	58.9	59.5	59.8	60.0	60.0	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.8	61.2
≥ 16000	44.7	58.9	59.5	59.8	60.0	60.0	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.8	61.2
≥ 14000	45.3	59.2	59.8	60.1	60.3	60.3	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.9	61.1	61.5
≥ 12000	46.1	60.6	61.2	61.5	61.7	61.7	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.3	62.5	63.1
≥ 10000	47.1	62.0	62.6	62.9	63.2	63.2	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.8	64.0	64.4
≥ 9000	47.4	62.4	62.7	63.2	63.5	63.5	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.1	64.3	64.7
≥ 8000	48.3	63.3	63.9	64.2	64.5	64.5	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.1	65.3	65.7
≥ 7000	47.6	64.8	65.4	65.7	66.0	66.0	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.6	66.8	67.4
≥ 6000	50.4	66.3	66.9	67.3	67.6	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.4	68.8
≥ 5000	51.7	67.1	68.3	68.7	69.0	69.0	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.8	70.2
≥ 4500	51.4	67.7	69.1	69.5	69.8	69.8	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.5	71.0
≥ 4000	51.5	68.4	70.7	70.8	71.1	71.1	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.8	72.3
≥ 3500	52.5	69.7	71.4	72.2	72.5	72.5	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.2	73.7
≥ 3000	53.2	71.1	72.8	73.7	74.0	74.0	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.8	75.3
≥ 2500	54.6	72.8	74.6	75.5	75.8	75.9	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.5	76.7	77.1
≥ 2000	56.2	75.2	77.0	78.0	78.3	78.4	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.4	80.0
≥ 1800	56.6	75.6	77.6	78.6	78.9	79.0	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.8	80.0	80.6
≥ 1500	58.2	77.4	79.4	80.3	80.8	80.9	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.6	81.8	82.5
≥ 1200	58.5	79.4	81.4	82.4	83.1	83.2	83.7	83.7	83.8	83.9	83.9	83.9	83.9	84.0	84.2	84.6
≥ 1000	59.4	81.2	83.2	84.2	84.9	85.1	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.8	86.0	86.7
≥ 900	59.6	81.5	83.5	84.5	85.3	85.4	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.3	86.8
≥ 800	59.9	82.5	84.5	85.7	86.5	86.6	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.4	87.6	88.3
≥ 700	60.3	83.8	86.1	87.3	88.1	88.2	88.7	88.7	88.8	88.9	88.9	88.9	88.9	89.0	89.2	89.7
≥ 600	60.3	84.5	86.7	88.7	89.6	89.7	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.8	91.4
≥ 500	61.0	85.4	87.7	89.7	90.6	91.0	91.5	91.5	91.6	91.7	91.7	91.7	91.8	91.9	92.2	92.8
≥ 400	61.1	85.9	88.6	90.8	91.8	92.2	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.7	93.9	94.4
≥ 300	61.1	86.0	88.7	90.9	92.2	92.5	93.5	93.7	94.0	94.1	94.1	94.2	94.3	94.7	94.9	95.5
≥ 200	61.2	86.1	88.8	91.0	92.3	92.6	94.0	94.1	94.5	94.6	94.7	94.8	94.8	95.7	96.0	97.4
≥ 100	61.2	86.1	88.8	91.0	92.5	92.8	94.2	94.3	94.8	94.9	95.3	95.4	95.4	96.7	97.2	98.3
≥ 0	61.2	86.1	88.8	91.0	92.5	92.8	94.2	94.3	94.8	94.9	95.3	95.4	95.4	96.7	97.2	98.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
3901

FT RUCKER AL

STATION NAME

68-70,73-79

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	40.9	53.9	54.4	54.3	54.8	54.9	55.1	55.2	55.3	55.5	55.9	56.0	56.7	56.7	56.9	57.6
≥ 20000	41.4	55.5	55.6	55.9	56.5	56.6	56.7	56.8	56.9	57.1	57.5	57.6	58.3	58.3	58.5	59.2
≥ 18000	41.4	55.5	55.6	55.9	56.5	56.6	56.7	56.8	56.9	57.1	57.5	57.6	58.3	58.3	58.5	59.2
≥ 16000	41.4	55.5	55.6	55.9	56.5	56.6	56.7	56.8	56.9	57.1	57.5	57.6	58.3	58.3	58.5	59.2
≥ 14000	41.4	55.5	55.6	55.9	56.5	56.6	56.7	56.8	56.9	57.1	57.5	57.6	58.3	58.3	58.5	59.2
≥ 12000	42.2	56.9	57.1	57.3	57.8	58.0	58.1	58.2	58.3	58.5	58.9	59.0	59.7	59.7	59.9	60.6
≥ 10000	43.2	58.3	58.4	58.7	59.2	59.4	59.5	59.6	59.7	59.9	60.3	60.4	61.1	61.1	61.3	62.0
≥ 9000	43.5	58.6	58.7	59.0	59.6	59.7	59.8	59.9	60.0	60.2	60.6	60.8	61.4	61.4	61.6	62.4
≥ 8000	45.3	60.5	60.6	61.0	61.5	61.6	61.7	61.8	61.9	62.2	62.6	62.7	63.3	63.3	63.5	64.3
≥ 7000	46.9	62.4	62.5	62.8	63.3	63.4	63.5	63.7	63.8	64.0	64.4	64.5	65.2	65.2	65.4	66.1
≥ 6000	47.6	63.3	63.4	63.8	64.3	64.4	64.5	64.6	64.7	64.9	65.4	65.5	66.1	66.1	66.3	67.1
≥ 5000	48.2	64.9	65.0	65.5	66.1	66.2	66.3	66.5	66.6	66.8	67.2	67.3	68.1	68.1	68.3	69.0
≥ 4500	49.0	65.8	66.0	66.3	67.0	67.1	67.2	67.3	67.4	67.6	68.1	68.2	68.9	68.9	69.1	69.9
≥ 4000	49.1	66.6	66.8	67.2	67.8	68.0	68.1	68.2	68.3	68.5	68.9	69.0	69.8	69.8	70.0	70.8
≥ 3500	49.9	67.6	67.8	68.3	68.9	69.0	69.1	69.2	69.4	69.6	70.0	70.1	70.9	70.9	71.1	71.8
≥ 3000	50.5	68.8	69.1	69.6	70.2	70.3	70.4	70.5	70.6	70.9	71.3	71.4	72.2	72.2	72.4	73.1
≥ 2500	51.7	70.2	70.8	71.3	71.9	72.0	72.2	72.3	72.5	72.7	73.1	73.2	74.0	74.0	74.2	74.9
≥ 2000	53.0	71.7	72.3	72.8	73.4	73.5	73.7	73.8	74.0	74.2	74.6	74.7	75.5	75.5	75.7	76.5
≥ 1800	54.0	73.0	73.5	74.1	74.7	74.8	74.9	75.1	75.3	75.5	75.9	76.0	76.8	76.8	77.0	77.7
≥ 1500	55.2	75.1	75.7	76.2	76.9	77.0	77.1	77.2	77.4	77.6	78.1	78.2	78.9	78.9	79.1	79.9
≥ 1200	55.7	76.8	77.4	78.0	78.9	79.0	79.2	79.4	79.6	79.8	80.2	80.3	81.1	81.1	81.3	82.0
≥ 1000	55.9	77.6	78.5	79.0	80.0	80.1	80.3	80.4	80.6	80.9	81.3	81.4	82.2	82.2	82.4	83.1
≥ 900	56.6	78.5	79.6	80.2	81.2	81.3	81.5	81.6	81.8	82.0	82.5	82.6	83.3	83.3	83.5	84.3
≥ 800	56.9	79.4	80.5	81.2	82.3	82.4	82.7	82.8	83.0	83.2	83.7	83.8	84.5	84.5	84.7	85.5
≥ 700	57.1	80.2	81.5	82.3	83.5	83.8	84.0	84.1	84.3	84.5	84.9	85.1	85.8	85.8	86.0	86.8
≥ 600	57.3	81.4	82.7	83.4	84.8	85.1	85.4	85.5	85.7	85.9	86.3	86.5	87.2	87.2	87.4	88.2
≥ 500	57.3	81.8	83.7	84.4	85.9	86.2	86.9	87.0	87.2	87.5	88.0	88.1	88.8	88.8	89.0	89.8
≥ 400	57.6	82.6	84.4	85.2	86.9	87.6	88.4	88.7	88.9	89.5	90.1	90.2	91.0	91.0	91.2	91.9
≥ 300	57.6	82.6	84.4	85.3	87.4	88.2	89.0	89.4	89.7	90.3	91.0	91.1	91.8	91.8	92.0	92.9
≥ 200	57.6	82.6	84.5	85.4	87.7	88.5	89.5	90.1	90.8	91.4	92.3	92.4	93.3	93.3	94.1	95.3
≥ 100	57.6	82.8	84.7	85.7	88.1	88.9	90.0	90.8	91.4	92.3	93.4	93.7	94.9	95.2	96.0	98.5
≥ 0	57.6	82.8	84.7	85.7	88.1	88.9	90.0	90.8	91.4	92.3	93.4	93.7	95.1	95.4	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03940
STATION

FT RUCKER AL

STATION NAME

68-70, 73-79

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	31.7	48.2	48.2	49.5	49.7	49.8	49.8	50.1	50.1	50.3	50.4	50.4	50.6	50.8	51.6	52.0	
≥ 20000	34.0	52.6	53.3	54.0	54.2	54.3	54.3	54.6	54.6	54.8	54.9	54.9	55.2	55.3	56.2	56.7	
IV 18000	34.0	52.6	53.5	54.2	54.4	54.5	54.5	54.8	54.8	55.1	55.2	55.2	55.4	55.5	56.5	56.9	
≥ 16000	34.0	52.8	53.5	54.2	54.4	54.5	54.5	54.8	54.8	55.1	55.2	55.2	55.4	55.5	56.5	56.9	
IV 14000	34.0	52.9	53.7	54.3	54.5	54.6	54.6	54.9	54.9	55.2	55.3	55.3	55.5	55.6	56.6	57.0	
≥ 12000	34.3	54.0	54.7	55.4	55.6	55.7	55.7	56.0	56.0	56.2	56.3	56.3	56.6	56.7	57.6	58.1	
IV 10000	35.9	56.1	57.1	57.7	58.0	58.1	58.1	58.4	58.4	58.6	58.7	58.7	58.9	59.1	60.0	60.4	
≥ 9000	35.7	57.0	58.0	58.6	58.8	58.9	58.9	59.2	59.2	59.5	59.6	59.6	59.8	59.9	60.9	61.3	
IV 8000	37.8	59.4	60.3	61.0	61.2	61.3	61.4	61.7	61.7	61.9	62.0	62.0	62.3	62.5	63.4	63.9	
≥ 7000	38.4	60.3	61.3	61.9	62.2	62.3	62.4	62.7	62.7	62.9	63.0	63.0	63.2	63.4	64.6	65.1	
IV 6000	39.2	61.4	62.4	63.0	63.2	63.3	63.4	63.8	63.8	64.0	64.1	64.1	64.3	64.5	65.7	66.1	
≥ 5000	39.9	63.0	64.0	64.6	64.8	64.9	65.1	65.4	65.4	65.6	65.7	65.7	65.9	66.1	67.4	68.0	
IV 4500	40.9	64.3	65.3	66.0	66.2	66.3	66.5	66.8	66.8	67.0	67.1	67.1	67.3	67.6	68.9	69.7	
≥ 4000	41.1	64.6	65.7	66.5	66.7	66.8	67.0	67.3	67.3	67.5	67.7	67.7	68.0	68.3	69.6	70.3	
IV 3500	41.1	65.4	66.5	67.2	67.4	67.5	67.7	68.1	68.1	68.3	68.5	68.5	68.7	69.0	70.3	71.1	
≥ 3000	42.0	67.1	68.2	69.0	69.4	69.5	69.7	70.0	70.0	70.2	70.4	70.4	70.6	71.0	72.3	73.0	
IV 2500	42.6	68.2	69.2	70.1	70.4	70.5	70.8	71.1	71.1	71.5	71.7	71.7	71.9	72.3	73.5	74.3	
≥ 2000	42.7	68.9	70.0	70.9	71.2	71.3	71.5	71.8	71.8	72.3	72.5	72.5	72.7	73.0	74.3	75.1	
IV 1800	43.0	70.0	71.2	72.0	72.4	72.5	72.7	73.0	73.0	73.4	73.7	73.7	73.9	74.2	75.5	76.2	
≥ 1500	44.3	71.9	73.1	74.0	74.4	74.5	74.7	75.1	75.1	75.6	75.8	75.8	76.0	76.3	77.6	78.4	
IV 1200	44.9	73.4	74.7	75.6	76.0	76.1	76.3	76.7	76.7	77.2	77.5	77.5	77.7	78.1	79.4	80.3	
≥ 1000	45.6	75.2	76.0	77.7	78.2	78.3	78.6	78.9	78.9	79.5	79.8	79.8	80.0	80.3	81.6	82.6	
IV 900	45.8	76.0	77.7	78.8	79.2	79.4	79.7	80.1	80.1	80.6	81.0	81.0	81.2	81.5	82.8	83.6	
≥ 800	46.1	76.7	78.5	79.8	80.2	80.3	80.6	81.1	81.1	81.6	81.9	81.9	82.2	82.5	83.8	84.7	
IV 700	46.5	77.5	79.5	81.3	81.9	82.0	82.4	82.8	82.8	83.3	83.8	83.8	84.1	84.4	85.7	86.7	
≥ 600	46.5	78.2	80.2	82.3	83.0	83.2	83.5	84.0	84.1	84.6	85.1	85.1	85.4	85.7	87.0	88.0	
IV 500	46.6	78.5	80.8	82.8	83.9	84.2	84.9	85.4	85.5	86.2	86.7	86.7	87.1	87.4	88.7	90.0	
≥ 400	46.9	79.1	81.0	83.8	85.3	85.8	86.7	87.4	87.6	88.7	89.1	89.1	89.6	89.9	91.2	92.5	
IV 300	46.9	79.1	81.0	83.9	85.6	86.1	87.4	88.5	88.9	90.2	90.8	90.8	91.2	91.5	93.0	94.4	
≥ 200	46.9	79.2	81.0	84.0	85.8	86.3	87.7	89.1	89.9	91.2	91.9	91.9	92.5	92.9	94.4	95.9	
IV 100	46.9	79.2	81.6	84.0	85.8	86.3	87.7	89.1	89.9	91.3	92.3	92.3	93.3	94.0	95.9	98.2	
≥ 0	46.9	79.2	81.6	84.0	85.8	86.3	87.7	89.1	89.9	91.3	92.3	92.3	93.3	94.1	96.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03850
STATION

FT RUCKER AL
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	34.0	50.8	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7
≥ 20000	36.6	54.9	55.7	56.1	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
≥ 18000	36.7	55.4	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 16000	36.7	55.4	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 14000	36.9	55.9	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1
≥ 12000	37.2	57.4	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7
≥ 10000	38.6	59.9	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 9000	39.2	61.3	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6
≥ 8000	40.2	64.0	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 7000	41.5	66.0	67.0	67.3	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 6000	41.6	66.7	67.6	68.0	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 5000	42.3	67.6	68.8	69.1	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7
≥ 4500	42.6	68.2	69.1	69.5	69.6	69.6	69.7	69.7	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.1
≥ 4000	42.8	69.6	70.6	71.2	71.3	71.3	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.9
≥ 3500	43.4	70.6	71.7	72.3	72.4	72.4	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.9	73.0
≥ 3000	43.3	72.0	73.3	73.9	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.5	74.6
≥ 2500	44.1	73.0	74.3	74.8	75.1	75.1	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.8
≥ 2000	45.3	76.2	77.6	78.2	78.4	78.4	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.1
≥ 1800	45.7	77.0	78.4	78.9	79.1	79.1	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.9
≥ 1500	47.5	80.4	81.9	82.5	82.7	82.7	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.4	83.5
≥ 1200	48.0	81.7	83.4	84.2	84.5	84.5	84.9	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.4	85.5
≥ 1000	48.2	82.4	84.2	85.1	85.6	85.6	86.1	86.1	86.3	86.3	86.5	86.5	86.5	86.5	86.6	86.7
≥ 900	48.3	83.2	85.3	86.3	86.9	87.0	87.7	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.4
≥ 800	48.4	84.1	86.3	87.4	88.0	88.1	88.8	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.4	89.5
≥ 700	48.6	84.7	87.1	88.3	88.8	89.0	90.0	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.8
≥ 600	48.7	85.4	87.8	89.0	89.6	89.8	90.9	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.7
≥ 500	48.7	85.5	88.3	89.7	90.3	90.6	91.7	92.2	92.4	92.5	92.7	92.7	92.7	92.7	92.8	92.9
≥ 400	48.8	85.9	89.1	90.5	91.7	92.2	93.3	93.9	94.2	94.4	94.6	94.6	94.6	94.6	94.7	94.8
≥ 300	48.8	86.0	89.4	90.9	92.5	92.9	94.4	95.2	95.5	95.9	96.3	96.3	96.3	96.3	96.5	96.6
≥ 200	48.9	86.0	89.4	90.9	92.8	93.2	94.8	95.8	96.6	97.1	97.7	97.8	98.2	98.4	98.7	98.8
≥ 100	48.9	86.0	89.4	90.9	92.8	93.2	94.8	95.8	96.7	97.3	98.0	98.1	98.5	98.8	99.2	99.5
≥ 0	48.8	86.0	89.4	90.9	92.9	93.2	94.8	95.8	96.7	97.3	98.0	98.1	98.5	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13350
STATION

FT RUCKER AL

STATION NAME

68-70,73-79

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT ST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	40.8	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	42.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	42.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	42.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	43.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 12000	44.7	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	48.0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	48.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	49.7	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 7000	51.1	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	51.5	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	51.7	73.5	73.7	73.8	73.8	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	51.7	73.6	73.8	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000	52.3	75.1	75.3	75.6	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3500	53.7	76.9	77.1	77.3	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3000	54.3	78.8	79.3	79.8	80.0	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	55.4	81.3	82.0	82.5	82.7	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	56.3	83.3	84.1	84.8	85.4	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1800	56.9	84.4	85.1	86.0	86.5	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	58.1	86.8	87.6	88.5	89.0	89.5	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	58.2	87.8	88.8	89.8	90.4	90.9	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	58.2	88.4	89.6	90.5	91.3	91.7	92.0	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	58.2	88.9	90.3	91.3	92.0	92.5	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	58.3	89.3	90.7	91.8	92.6	93.1	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	58.3	89.3	90.9	92.0	92.8	93.3	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	58.4	90.2	91.8	93.1	94.0	94.5	94.9	95.0	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500	58.4	90.9	92.7	94.2	95.3	95.8	96.3	96.4	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	58.4	91.0	92.8	94.3	95.5	96.0	96.6	97.0	97.1	97.2	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	58.4	91.2	93.0	94.5	95.7	96.3	97.0	97.6	97.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	58.4	91.3	93.1	94.6	96.0	96.7	97.4	98.2	98.4	98.8	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	58.4	91.3	93.1	94.6	96.0	96.7	97.4	98.2	98.6	99.2	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	58.4	91.3	93.1	94.6	96.0	96.7	97.4	98.2	98.6	99.2	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

76SL
STATION

FT RUCKER AL

STATION NAME

68-70,73-79

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING ≥ 20000	41.0 44.8	55.4 62.8	55.5 62.9	55.5 62.9	55.5 62.9	55.5 62.9	55.5 62.9	55.5 62.9	55.5 62.9	55.5 62.9	55.5 62.9	55.5 62.9	55.5 62.9	55.5 62.9	55.5 62.9	55.5 62.9
≥ 18000 IV 16000	44.8 44.9	62.8 62.8	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9	62.9 62.9
IV 14000 IV 12000	45.4 46.1	63.5 65.2	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3
IV 10000 IV 9000	48.3 48.4	68.6 68.7	68.7 68.8	68.7 68.8	68.7 68.8	68.7 68.8	68.7 68.8	68.7 68.8	68.7 68.8	68.7 68.8	68.7 68.8	68.7 68.8	68.7 68.8	68.7 68.8	68.7 68.8	68.7 68.8
IV 8000 IV 7000	50.5 51.2	73.3 74.5	73.5 74.7	73.5 74.7	73.5 74.8	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1	73.8 75.1
IV 6000 IV 5000	51.5 52.7	75.5 77.0	75.7 77.2	75.7 77.2	75.8 77.3	76.0 77.5	76.0 77.5	76.0 77.5	76.0 77.5	76.0 77.5	76.0 77.5	76.0 77.5	76.0 77.5	76.0 77.5	76.0 77.5	76.0 77.5
IV 4500 IV 4000	53.3 54.2	78.3 80.6	78.5 81.1	78.5 81.0	78.6 81.1	78.9 81.5	78.9 81.5	78.9 81.5	78.9 81.5	78.9 81.5	78.9 81.5	78.9 81.5	78.9 81.5	78.9 81.5	78.9 81.5	78.9 81.5
IV 3500 IV 3000	55.2 55.5	81.9 82.8	82.3 83.3	82.3 83.4	82.5 83.8	82.9 84.3	83.1 84.4	83.1 84.5	83.1 84.5	83.1 84.5	83.1 84.5	83.1 84.5	83.1 84.5	83.1 84.5	83.1 84.5	83.1 84.5
IV 2500 IV 2000	56.3 57.2	84.5 86.8	85.1 87.3	85.2 87.5	85.6 88.0	86.1 88.5	86.2 88.6	86.2 88.6	86.3 88.6	86.3 88.6	86.3 88.6	86.3 88.6	86.3 88.6	86.3 88.6	86.3 88.6	86.3 88.6
IV 1800 IV 1500	57.4 58.5	87.7 88.9	88.3 89.5	88.5 89.7	88.9 90.1	89.5 90.6	89.7 90.9	89.7 90.9	89.9 91.1	89.9 91.2	89.9 91.2	89.9 91.2	89.9 91.2	89.9 91.2	89.9 91.2	89.9 91.2
IV 1200 IV 1000	58.1 59.1	89.8 90.1	90.4 90.8	90.6 91.1	91.2 91.6	91.7 92.2	91.9 92.4	91.9 92.4	92.2 92.6	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7	92.3 92.7
IV 900 IV 800	58.4 59.4	91.0 91.3	91.6 92.3	91.9 92.6	92.5 93.1	93.0 93.7	93.2 93.9	93.2 93.9	93.4 94.1	93.5 94.2	93.5 94.2	93.5 94.2	93.5 94.2	93.5 94.2	93.5 94.2	93.5 94.2
IV 700 IV 600	58.4 59.4	91.6 92.0	92.7 93.2	93.2 94.1	93.8 94.6	94.3 95.2	94.5 95.4	94.5 95.4	94.7 95.6	94.8 95.7	94.8 95.9	94.8 95.9	94.8 95.9	94.8 95.9	94.8 95.9	94.8 95.9
IV 500 IV 400	58.4 59.4	92.0 92.3	93.7 93.9	94.8 95.1	95.6 96.0	96.1 96.6	96.6 97.1	96.6 97.2	96.8 97.4	96.9 97.5	97.1 98.0	97.1 98.0	97.1 98.0	97.1 98.0	97.1 98.0	97.1 98.0
IV 300 IV 200	58.4 59.4	92.4 92.4	94.0 94.0	95.3 95.3	96.3 96.3	97.1 97.1	97.6 97.6	98.0 98.0	98.4 98.5	98.5 98.6	99.1 99.2	99.1 99.2	99.1 99.2	99.1 99.2	99.1 99.2	99.1 99.2
IV 100 IV 0	58.4 58.4	92.4 92.4	94.0 94.0	95.3 95.3	96.5 96.5	97.2 97.2	97.7 97.7	98.1 98.1	98.7 98.7	98.8 98.8	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
7850

FT RUCKER AL

STATION NAME

68-70,73-79

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING ≥ 20000	47.9 51.4	58.4 64.0	58.4 64.0	58.4 64.0	58.4 64.0	58.4 64.0	58.4 64.0	58.4 64.0	58.4 64.0	58.5 64.1	58.5 64.1	58.5 64.1	58.5 64.1	58.5 64.1	58.5 64.3	58.5 64.3
≥ 18000 N 16000	51.4 51.4	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.1 64.1	64.1 64.1	64.1 64.1	64.1 64.1	64.1 64.1	64.3 64.3	64.3 64.3
≥ 14000 N 12000	51.9 52.7	64.0 66.6	64.8 66.6	64.8 66.6	64.8 66.6	64.8 66.6	64.8 66.6	64.8 66.6	64.8 66.6	64.9 66.7	64.9 66.7	64.9 66.7	64.9 66.7	64.9 66.7	65.0 66.8	65.0 66.8
≥ 10000 N 9000	54.4 54.4	69.5 69.5	69.5 69.5	69.7 69.7	69.7 69.7	69.7 69.7	69.7 69.7	69.7 69.7	69.7 69.7	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.8 69.8	69.9 69.9	69.9 69.9
≥ 8000 N 7000	55.8 56.5	71.6 72.7	71.6 72.7	71.7 72.8	71.7 72.8	71.7 73.0	71.9 73.0	71.9 73.0	71.9 73.0	72.0 73.1	72.1 73.2	72.1 73.2	72.1 73.2	72.1 73.2	72.2 73.3	72.2 73.3
≥ 6000 N 5000	57.5 59.1	74.4 76.2	74.4 76.2	74.5 76.3	74.5 76.3	74.5 76.3	74.7 76.6	74.7 76.6	74.7 76.6	74.8 76.7	74.9 76.8	74.9 76.8	74.9 76.8	74.9 76.8	75.1 76.9	75.1 76.9
≥ 4500 N 4000	58.9 59.1	77.3 79.0	77.3 79.2	77.4 79.4	77.4 79.4	77.4 79.4	77.6 79.6	77.6 79.6	77.6 79.6	77.8 79.7	77.9 79.8	77.9 79.8	77.9 79.8	77.9 79.8	78.0 79.9	78.0 79.9
≥ 3500 N 3000	59.4 59.9	80.7 81.9	80.8 82.1	81.0 82.4	81.0 82.4	81.0 82.4	81.2 82.6	81.2 82.6	81.2 82.6	81.3 82.7	81.4 82.8	81.5 82.9	81.5 82.9	81.5 82.9	81.6 83.0	81.6 83.0
≥ 2500 N 2000	60.8 61.4	83.4 85.3	83.6 85.6	83.9 86.1	83.9 86.1	83.9 86.1	84.1 86.3	84.1 86.3	84.1 86.3	84.2 86.4	84.3 86.5	84.4 86.6	84.4 86.6	84.4 86.6	84.6 86.7	84.6 86.7
≥ 1800 N 1500	61.9 62.7	86.1 87.9	86.4 88.2	86.8 88.8	86.8 88.8	86.8 88.8	87.0 89.0	87.0 89.0	87.0 89.0	87.1 89.1	87.3 89.2	87.4 89.3	87.4 89.3	87.4 89.3	87.5 89.4	87.5 89.4
≥ 1200 N 1000	63.1 63.3	89.1 89.8	89.4 90.3	90.1 91.0	90.1 91.0	90.1 91.0	90.3 91.3	90.4 91.4	90.4 91.4	90.5 91.5	90.6 91.6	90.7 91.7	90.7 91.7	90.7 91.7	90.8 91.8	90.8 91.8
≥ 900 N 800	63.8 63.9	90.9 91.3	91.4 91.9	92.2 92.8	92.2 92.8	92.2 92.8	92.4 93.0	92.5 93.1	92.5 93.1	92.7 93.2	92.8 93.3	92.9 93.4	92.9 93.4	92.9 93.4	93.0 93.5	93.0 93.5
≥ 700 N 600	64.1 64.1	92.0 93.0	92.9 94.3	93.7 95.1	93.7 95.1	93.8 95.2	94.1 95.5	94.2 95.6	94.2 95.6	94.3 95.7	94.4 95.8	94.5 95.9	94.5 95.9	94.5 95.9	94.6 96.0	94.6 96.0
≥ 500 N 400	64.3 64.3	93.5 93.6	94.3 95.0	95.9 96.5	95.9 96.5	96.0 96.7	96.2 96.9	96.3 97.1	96.3 97.1	96.4 97.2	96.5 97.3	96.7 97.4	96.7 97.4	96.7 97.4	96.8 97.5	96.8 97.5
≥ 300 N 200	64.5 64.5	94.3 94.3	95.9 95.9	97.4 97.4	97.5 97.5	97.7 97.7	98.3 98.3	98.5 98.5	98.5 98.7	98.8 98.8	98.9 99.0	99.0 99.1	99.0 99.1	99.0 99.1	99.5 99.5	99.5 99.6
≥ 100 N 0	64.5 64.5	94.3 94.3	95.9 95.9	97.4 97.4	97.5 97.5	97.7 97.7	98.3 98.3	98.5 98.5	98.7 98.7	98.8 98.8	99.1 99.2	99.2 99.4	99.2 99.4	99.2 99.4	99.6 99.8	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS

926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
0385

FT RUCKER AL

STATION NAME

68-70,73-79

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥4	≥0
NO CEILING	49.6	61.1	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 20000	51.8	63.9	64.5	64.9	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 18000	51.8	63.9	64.5	64.9	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 16000	51.8	63.9	64.5	64.9	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 14000	51.9	64.0	64.6	65.0	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4
≥ 12000	52.4	64.6	65.3	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0
≥ 10000	53.3	66.5	67.1	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.9	67.9
≥ 9000	53.4	66.6	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	68.0	68.0
≥ 8000	55.0	69.3	70.0	70.4	70.7	70.7	70.7	70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.2	71.4
≥ 7000	55.3	70.0	70.8	71.2	71.4	71.4	71.4	71.4	71.5	71.6	71.7	71.7	71.7	71.7	72.0	72.2
≥ 6000	55.9	71.2	72.0	72.5	72.7	72.7	72.7	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.2	73.5
≥ 5000	56.2	72.6	73.4	73.9	74.1	74.1	74.1	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.6	74.9
≥ 4500	57.0	73.6	74.3	74.9	75.1	75.1	75.1	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.6	75.8
≥ 4000	57.2	75.2	75.9	76.5	76.7	76.7	76.7	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.2	77.5
≥ 3500	57.7	76.2	76.9	77.5	77.7	77.7	77.7	77.7	77.8	77.9	78.0	78.0	78.0	78.0	78.2	78.4
≥ 3000	58.7	77.2	78.0	78.5	78.7	78.7	78.7	78.7	78.9	79.0	79.1	79.1	79.1	79.1	79.3	79.5
≥ 2500	61.2	81.1	82.1	82.6	82.8	82.8	82.8	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.4	83.6
≥ 2000	62.2	83.1	84.1	84.7	85.0	85.0	85.0	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.5	85.8
≥ 1800	62.4	83.5	84.6	85.1	85.4	85.4	85.4	85.4	85.5	85.7	85.8	85.8	85.8	85.8	86.0	86.2
≥ 1500	63.5	85.0	86.1	86.6	86.9	86.9	86.9	86.9	87.1	87.2	87.3	87.3	87.3	87.3	87.5	87.7
≥ 1200	64.4	86.9	88.1	88.7	89.0	89.0	89.0	89.0	89.2	89.3	89.4	89.4	89.4	89.4	89.6	89.9
≥ 1000	64.7	88.7	89.9	90.4	90.7	90.8	90.8	90.8	91.2	91.3	91.4	91.4	91.4	91.4	91.6	91.8
≥ 900	65.2	89.4	90.6	91.2	91.5	91.6	91.6	91.6	91.9	92.0	92.1	92.1	92.1	92.1	92.3	92.6
≥ 800	65.4	90.7	91.3	91.9	92.3	92.4	92.4	92.4	92.8	92.9	93.0	93.0	93.0	93.0	93.1	93.3
≥ 700	65.9	90.7	92.1	92.8	93.2	93.3	93.3	93.3	93.6	93.7	93.9	93.9	93.9	94.0	94.2	94.4
≥ 600	66.1	91.3	92.9	93.7	94.2	94.4	94.4	94.4	94.7	94.8	94.9	94.9	94.9	95.0	95.3	95.5
≥ 500	66.1	91.8	93.4	94.3	94.7	94.9	95.0	95.0	95.4	95.5	95.6	95.6	95.6	95.7	95.9	96.1
≥ 400	66.1	92.0	94.0	94.9	95.5	95.7	95.8	95.9	96.2	96.3	96.4	96.4	96.4	96.5	96.8	97.0
≥ 300	66.1	92.1	94.1	95.3	95.9	96.1	96.2	96.4	97.0	97.2	97.4	97.4	97.4	97.5	98.0	98.3
≥ 200	66.1	92.2	94.2	95.4	96.0	96.2	96.4	96.5	97.4	97.6	98.0	98.0	98.0	98.1	98.5	98.8
≥ 100	66.1	92.2	94.2	95.4	96.0	96.2	96.5	97.0	97.5	97.7	98.1	98.4	98.6	98.7	99.0	99.6
≥ 0	66.1	92.2	94.2	95.4	96.0	96.2	96.5	97.0	97.5	97.7	98.4	98.4	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03850
STATION

FT RUCKER AL

STATION NAME

68-70, 73-79

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ ¼	≥ 0
NO CEILING	41.3	54.7	55.1	55.3	55.5	55.5	55.5	55.6	55.6	55.7	55.8	55.8	55.9	55.9	56.1	56.3
≥ 20000	43.5	53.8	59.2	59.5	59.6	59.6	59.7	59.7	59.8	59.8	59.9	59.9	60.0	60.1	60.3	60.5
≥ 18000	43.5	59.9	59.3	59.5	59.7	59.7	59.8	59.8	59.8	59.9	60.0	60.0	60.1	60.2	60.4	60.6
≥ 16000	43.5	58.9	59.3	59.5	59.7	59.7	59.8	59.8	59.8	59.9	60.0	60.0	60.1	60.2	60.4	60.6
≥ 14000	43.5	59.3	59.7	59.9	60.1	60.1	60.2	60.2	60.2	60.3	60.4	60.4	60.5	60.6	60.8	61.0
≥ 12000	44.5	60.8	61.2	61.5	61.6	61.6	61.7	61.7	61.8	61.9	61.9	61.9	62.1	62.1	62.3	62.5
≥ 10000	46.1	63.3	63.8	64.0	64.2	64.2	64.2	64.3	64.3	64.4	64.5	64.5	64.6	64.7	64.9	65.1
≥ 9000	46.4	63.8	64.2	64.5	64.7	64.7	64.7	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.4	65.6
≥ 8000	47.8	66.5	66.9	67.2	67.3	67.4	67.5	67.5	67.6	67.7	67.8	67.8	67.9	67.9	68.2	68.4
≥ 7000	48.8	67.9	68.4	68.6	68.8	68.9	69.0	69.0	69.1	69.2	69.3	69.3	69.4	69.5	69.7	70.0
≥ 6000	49.4	69.0	69.5	69.8	69.9	70.0	70.1	70.2	70.2	70.3	70.4	70.4	70.5	70.6	70.9	71.1
≥ 5000	50.0	70.3	70.8	71.2	71.4	71.4	71.5	71.6	71.6	71.7	71.8	71.8	72.0	72.0	72.3	72.6
≥ 4500	50.6	71.1	71.7	72.0	72.2	72.3	72.4	72.5	72.5	72.6	72.7	72.7	72.9	72.9	73.2	73.5
≥ 4000	50.9	72.4	73.1	73.5	73.7	73.8	74.0	74.0	74.1	74.2	74.3	74.3	74.4	74.5	74.8	75.1
≥ 3500	51.6	73.6	74.3	74.7	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.6	75.7	75.8	76.1	76.4
≥ 3000	52.2	75.0	75.8	76.3	76.5	76.7	76.8	76.9	77.0	77.1	77.2	77.2	77.3	77.4	77.7	78.0
≥ 2500	53.3	76.8	77.7	78.2	78.5	78.7	78.8	78.9	79.0	79.1	79.2	79.2	79.4	79.4	79.7	80.0
≥ 2000	54.3	78.8	79.7	80.4	80.7	80.9	81.1	81.1	81.2	81.4	81.5	81.5	81.6	81.7	82.0	82.3
≥ 1800	54.7	79.7	80.6	81.3	81.6	81.8	82.0	82.0	82.1	82.3	82.4	82.4	82.5	82.6	82.9	83.2
≥ 1500	55.9	81.7	82.7	83.3	83.7	83.9	84.1	84.1	84.3	84.4	84.5	84.6	84.7	84.8	85.1	85.3
≥ 1200	56.3	83.1	84.2	84.9	85.4	85.6	85.8	85.9	86.1	86.2	86.3	86.3	86.5	86.5	86.8	87.1
≥ 1000	56.7	84.2	85.4	86.1	86.7	86.8	87.1	87.2	87.4	87.5	87.6	87.7	87.8	87.9	88.2	88.5
≥ 900	57.0	84.9	86.2	87.1	87.6	87.8	88.1	88.2	88.3	88.5	88.6	88.7	88.8	88.9	89.2	89.5
≥ 800	57.1	85.5	87.0	87.9	88.5	88.7	89.0	89.1	89.2	89.4	89.5	89.6	89.7	89.8	90.1	90.4
≥ 700	57.4	86.2	87.8	88.9	89.5	89.7	90.1	90.2	90.4	90.5	90.7	90.7	90.8	90.9	91.2	91.5
≥ 600	57.5	87.0	88.7	89.9	90.6	90.9	91.3	91.4	91.6	91.7	91.9	92.1	92.1	92.2	92.5	92.8
≥ 500	57.6	87.4	89.4	90.7	91.5	91.9	92.4	92.5	92.7	92.9	93.2	93.2	93.4	93.4	93.7	94.1
≥ 400	57.7	87.8	89.9	91.4	92.4	92.8	93.4	93.8	94.0	94.3	94.6	94.6	94.8	94.9	95.2	95.5
≥ 300	57.7	88.1	90.1	91.7	92.9	93.4	94.2	94.6	95.0	95.4	95.8	95.8	96.1	96.2	96.5	96.9
≥ 200	57.7	88.1	90.2	91.7	93.1	93.5	94.5	95.1	95.6	96.0	96.4	96.6	97.0	97.1	97.6	98.0
≥ 100	57.7	88.0	90.2	91.8	93.1	93.6	94.6	95.2	95.8	96.3	97.0	97.1	97.6	97.9	98.5	99.3
0	57.7	88.0	90.2	91.8	93.1	93.6	94.6	95.2	95.8	96.3	97.0	97.1	97.7	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13850
STATION

FT RUCKER AL
STATION NAME

68-70,73-80
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	31.0	54.8	56.3	57.1	57.7	57.9	58.1	58.3	58.4	58.5	58.5	58.5	58.7	58.7	58.8	59.0
≥ 20000	34.3	62.3	64.0	65.0	65.7	65.9	66.1	66.3	66.4	66.5	66.6	66.6	66.7	66.8	66.9	67.1
≥ 18000	34.8	62.4	64.1	65.0	65.8	66.0	66.2	66.4	66.5	66.6	66.7	66.7	66.8	66.9	67.0	67.2
≥ 16000	34.8	62.4	64.1	65.1	65.8	66.0	66.2	66.4	66.5	66.6	66.7	66.7	66.8	66.9	67.0	67.2
≥ 14000	35.0	62.9	64.5	65.5	66.2	66.4	66.7	66.9	67.0	67.0	67.1	67.1	67.3	67.3	67.5	67.6
≥ 12000	35.6	64.1	65.8	66.6	67.6	67.8	68.0	68.2	68.3	68.4	68.5	68.5	68.6	68.7	68.8	69.0
≥ 10000	37.1	67.4	69.3	70.3	71.1	71.3	71.6	71.8	71.9	72.0	72.1	72.1	72.2	72.3	72.4	72.6
≥ 9000	37.3	67.9	69.7	70.8	71.6	71.8	72.1	72.3	72.4	72.5	72.6	72.6	72.7	72.8	72.9	73.1
≥ 8000	38.3	70.3	72.3	73.4	74.2	74.5	74.8	75.0	75.1	75.2	75.3	75.3	75.5	75.5	75.7	75.9
≥ 7000	38.8	71.2	73.2	74.3	75.1	75.4	75.7	75.9	76.0	76.1	76.2	76.2	76.4	76.4	76.6	76.8
≥ 6000	39.3	72.2	74.3	75.4	76.3	76.5	76.8	77.1	77.2	77.3	77.4	77.4	77.6	77.6	77.8	78.0
≥ 5000	39.7	73.3	75.4	76.7	77.5	77.8	78.1	78.3	78.5	78.6	78.7	78.7	78.9	78.9	79.1	79.3
≥ 4500	40.1	74.0	76.1	77.4	78.3	78.6	78.9	79.1	79.2	79.3	79.5	79.5	79.6	79.7	79.9	80.0
≥ 4000	40.5	75.3	77.5	78.8	79.8	80.1	80.4	80.7	80.8	80.9	81.0	81.0	81.2	81.3	81.4	81.6
≥ 3500	40.9	76.0	78.3	79.6	80.6	80.9	81.3	81.5	81.7	81.8	81.9	81.9	82.1	82.1	82.3	82.5
≥ 3000	41.3	77.1	79.4	80.8	81.8	82.1	82.5	82.7	82.9	83.0	83.1	83.1	83.3	83.3	83.5	83.7
≥ 2500	41.7	78.2	80.6	82.0	83.1	83.4	83.8	84.0	84.2	84.3	84.4	84.4	84.6	84.7	84.8	85.0
≥ 2000	42.2	79.7	82.2	83.7	84.8	85.1	85.5	85.8	85.9	86.1	86.2	86.2	86.4	86.4	86.6	86.8
≥ 1800	42.4	80.2	82.7	84.2	85.3	85.6	86.0	86.3	86.4	86.6	86.7	86.7	86.9	87.0	87.1	87.3
≥ 1500	42.8	81.3	83.9	85.4	86.5	86.9	87.3	87.6	87.7	87.9	88.0	88.0	88.2	88.3	88.4	88.6
≥ 1200	43.4	82.4	85.1	86.7	87.9	88.3	88.7	89.1	89.2	89.4	89.5	89.5	89.7	89.8	89.9	90.1
≥ 1000	43.4	83.2	86.0	87.7	89.0	89.4	89.8	90.1	90.3	90.5	90.6	90.7	90.8	90.9	91.1	91.3
≥ 900	43.6	83.8	86.7	88.4	89.7	90.1	90.6	90.9	91.1	91.3	91.4	91.5	91.6	91.7	91.9	92.1
≥ 800	43.7	84.3	87.2	89.0	90.4	90.8	91.3	91.7	91.9	92.1	92.2	92.2	92.4	92.5	92.7	92.8
≥ 700	43.8	84.8	87.9	89.8	91.2	91.7	92.2	92.5	92.8	92.9	93.1	93.1	93.3	93.4	93.5	93.7
≥ 600	43.9	85.3	88.5	90.5	92.0	92.5	93.1	93.5	93.7	93.9	94.0	94.1	94.3	94.3	94.5	94.7
≥ 500	44.0	85.7	89.1	91.2	92.8	93.4	94.0	94.4	94.7	94.9	95.1	95.1	95.3	95.4	95.6	95.8
≥ 400	44.1	86.0	89.5	91.7	93.5	94.1	94.8	95.4	95.7	95.9	96.2	96.2	96.4	96.5	96.7	96.9
≥ 300	44.0	86.1	89.7	92.0	93.9	94.6	95.4	96.0	96.4	96.7	97.0	97.0	97.3	97.4	97.6	97.8
≥ 200	44.0	86.2	89.7	92.1	94.0	94.7	95.6	96.4	96.9	97.3	97.7	97.7	98.1	98.2	98.5	98.8
≥ 100	44.0	86.2	89.7	92.1	94.1	94.8	95.7	96.4	97.0	97.4	97.9	97.9	98.4	98.7	99.1	99.6
≥ 0	44.0	86.2	89.7	92.1	94.1	94.8	95.7	96.4	97.0	97.4	97.9	97.9	98.5	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 87628

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN

SOLUTION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	22.7			18.0						12.3	47.0	6.3	920
	03-05	22.6			14.8						12.5	50.1	6.6	923
	06-08	12.2			17.7						15.2	54.9	7.4	923
	09-11	10.2			20.5						18.0	51.3	7.4	929
	12-14	11.4			22.3						22.5	43.8	7.1	929
	15-17	12.7			22.2						21.5	43.7	7.0	930
	18-20	19.2			23.4						15.7	41.6	6.3	930
	21-23	26.6			17.3						15.1	41.0	6.0	927
TOTALS		17.2			19.5						16.6	46.7	6.8	7411

SKY COVER

FEB

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	36.8			15.2						10.6	37.5	5.2	838
	03-05	34.5			12.8						13.4	39.3	5.5	837
	06-08	20.4			21.1						17.8	40.7	5.3	838
	09-11	22.4			23.0						18.8	35.7	6.0	842
	12-14	20.7			26.3						19.1	33.9	5.9	841
	15-17	19.5			27.8						19.1	33.7	5.9	843
	18-20	24.0			29.5						13.3	33.2	5.4	843
	21-23	35.7			21.1						10.5	32.7	4.8	840
TOTALS		26.8			22.1						15.3	35.8	5.6	6722

SKY COVER

MAR

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	29.5			18.6						9.4	42.4	5.6	924
	03-05	26.0			18.9						10.9	44.2	6.0	920
	06-08	14.7			19.6						18.7	47.0	7.0	919
	09-11	11.7			25.1						21.0	42.3	6.9	930
	12-14	10.1			25.7						22.0	42.2	7.0	929
	15-17	9.2			25.4						24.3	41.1	7.1	930
	18-20	16.7			28.5						19.0	35.8	6.1	930
	21-23	29.6			23.1						11.9	35.3	5.3	929
TOTALS		18.4			23.1						17.2	41.3	6.4	7411

SKY COVER

APR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	38.5			19.6						13.2	28.7	4.6	892
	03-05	28.7			20.5						13.0	37.8	5.6	883
	06-08	19.4			21.2						19.7	39.7	6.4	895
	09-11	19.1			29.7						21.2	30.0	5.8	900
	12-14	14.7			29.8						26.5	29.0	6.2	898
	15-17	13.9			32.4						21.9	31.8	6.1	899
	18-20	21.9			31.6						18.6	28.0	5.4	900
	21-23	38.4			21.6						13.2	26.8	4.5	900
TOTALS		24.3			25.8						18.4	31.5	5.6	7167

FORM
JUL 64

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	33.7			24.9						13.2	28.3	4.8	927
	03-05	23.4			26.1						16.7	33.7	5.7	914
	06-08	15.8			25.5						21.5	37.2	6.4	925
	09-11	12.8			31.8						25.9	29.5	6.2	930
	12-14	6.2			38.4						29.9	25.4	6.4	929
	15-17	4.8			39.0						27.0	29.2	6.5	929
	18-20	14.2			31.9						21.9	31.9	6.1	930
	21-23	26.9			31.0						17.2	24.9	5.0	929

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03850 FT RUCKER AL

69-70,73-80

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	35.2			33.7						17.4	13.8	4.0	893
	03-05	21.6			37.1						23.3	17.9	5.0	887
	06-08	14.3			34.2						29.1	22.4	5.9	888
	09-11	9.2			44.2						31.1	15.5	5.7	896
	12-14	2.2			47.6						33.9	16.3	6.1	900
	15-17	3.0			42.6						27.0	27.4	6.5	900
	18-20	8.9			34.5						28.1	28.5	6.4	898
	21-23	24.6			40.2						20.8	14.4	4.5	900
TOTALS		14.9			39.3						26.3	19.5	5.5	7162

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

JUL.

S:ATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	23.5			41.0						19.1	16.5	4.6	923
	03-05	17.7			39.6						23.2	19.4	5.2	908
	06-08	5.3			36.9						29.3	28.5	6.6	917
	09-11	4.8			38.4						34.7	22.1	6.5	922
	12-14	.3			36.7						41.8	21.1	7.0	928
	15-17	.3			32.4						37.2	28.1	7.3	929
	18-20	1.4			25.4						33.6	39.6	7.7	926
	21-23	14.1			35.6						25.2	25.2	5.8	922
TOTALS		8.4			35.8						30.8	25.1	6.3	7375

FORM 095 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

AUG

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	36.5			34.2						16.7	12.6	3.8	918
	03-05	29.4			38.2						17.3	15.1	4.2	901
	06-08	13.2			39.4						25.5	21.9	5.7	918
	09-11	5.4			45.7						31.7	17.2	5.9	930
	12-14	.1			47.1						35.6	17.7	6.3	930
	15-17	1.7			41.1						31.2	26.0	6.6	930
	18-20	6.4			31.5						32.2	29.9	6.8	925
	21-23	21.9			39.1						21.3	17.7	4.9	923
TOTALS		14.3			39.5						26.4	19.7	5.5	7375

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03850 FT RUCKER AL

69-70,73-80

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	34.2			31.8						14.1	19.8	4.2	892
	03-05	32.0			30.7						12.4	24.9	4.5	880
	06-08	11.0			37.3						20.1	31.6	6.1	887
	09-11	7.6			38.3						27.4	26.7	6.3	895
	12-14	2.2			42.0						31.3	24.5	6.5	899
	15-17	3.0			35.2						33.6	28.2	6.9	898
	18-20	13.2			31.2						26.9	28.7	6.2	895
	21-23	26.3			34.8						20.0	18.9	4.7	892
TOTALS		16.2			35.2						23.2	25.4	5.7	7138

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

OCT

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	56.6			18.0						8.9	16.5	3.0	926
	03-05	50.3			20.3						10.7	18.7	3.4	925
	06-08	27.9			31.9						16.7	23.5	4.8	922
	09-11	24.8			35.1						17.7	22.4	4.9	930
	12-14	18.3			43.0						16.8	21.9	5.0	928
	15-17	20.7			40.5						19.1	19.7	4.9	928
	18-20	36.3			32.2						14.4	17.1	4.0	930
	21-23	52.7			22.9						8.3	16.0	3.0	929
TOTALS		36.0			30.5						14.1	19.5	4.1	7418

SKY COVER

NOV

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	45.5			18.0						11.7	24.9	4.1	884
	03-05	45.0			16.7						10.0	28.2	4.2	886
	06-08	25.1			26.3						14.9	33.7	5.5	895
	09-11	23.6			28.7						16.7	31.0	5.5	899
	12-14	20.2			28.4						23.6	27.8	5.8	900
	15-17	18.5			33.7						21.8	26.0	5.6	899
	18-20	34.6			28.1						15.5	21.9	4.4	897
	21-23	43.5			20.3						12.8	23.3	4.1	891
TOTALS		32.0			25.0						15.9	27.1	4.9	7151

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

C3850 FT RUCKER AL

68-70,73-79

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	35.1			17.7						13.3	34.0	5.1	927
	03-05	36.1			16.3						11.8	35.7	5.1	913
	06-08	22.2			23.5						16.6	37.7	6.0	928
	09-11	21.5			23.7						19.6	35.2	6.0	929
	12-14	17.7			27.6						22.1	32.7	6.1	928
	15-17	16.2			29.9						20.0	33.9	6.1	930
	18-20	29.9			23.1						15.4	31.5	5.2	926
	21-23	38.3			18.6						13.5	29.7	4.7	927
TOTALS		27.1			22.6						16.5	33.8	5.5	7408

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03850 FT RUCKER AL

68-70,73-80

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	17.2			19.5						16.6	46.7	6.8	7411
FEB		26.8			22.1						15.3	35.8	5.6	6722
MAR		18.4			23.1						17.2	41.3	6.4	7411
APR		24.3			25.8						18.4	31.5	5.6	7167
MAY		17.2			31.1						21.7	30.0	5.9	7413
JUN		14.9			39.3						26.3	19.5	5.5	7162
JUL		8.4			35.8						30.8	25.1	6.3	7375
AUG		14.3			39.5						26.4	19.7	5.5	7375
SEP		16.2			35.2						23.2	25.4	5.7	7138
OCT		36.0			30.5						14.1	19.5	4.1	7418
NOV		32.0			25.0						15.9	27.1	4.9	7151
DEC		27.1			22.6						16.5	33.8	5.5	7408
TOTALS		21.1			29.1						20.2	29.6	5.7	87151

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- * 1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
- a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- * 2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviation do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and comparisons of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
C3850 FT RUCKER AL

DAILY TEMPERATURES

54-80

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100						.9	.7	.4					.2
95					2.5	8.7	14.3	11.2	3.6				3.4
90				.8	22.7	46.8	59.7	60.2	34.7	1.3			18.9
85		.1	2.6	16.7	51.6	83.6	91.1	89.6	69.7	16.1	.7		35.2
80	1.0	2.6	13.8	50.4	79.4	96.4	98.4	98.9	86.6	48.0	9.4	1.4	48.9
75	7.6	12.8	32.6	71.7	93.1	98.7	100.0	99.9	94.5	69.1	28.6	10.0	60.0
70	18.1	27.3	54.2	87.7	98.0	99.9		100.0	98.2	86.1	49.9	24.4	70.4
65	32.5	44.6	71.8	95.8	99.8	100.0			99.7	95.7	69.9	41.8	79.4
60	47.6	60.0	83.6	99.2	99.9				100.0	99.1	83.8	60.8	86.3
55	64.4	74.0	92.2	100.0	100.0					100.0	92.1	76.9	91.7
50	78.9	87.2	97.5								97.7	88.8	95.9
45	89.7	94.8	99.5								99.4	96.8	98.4
40	95.7	98.0	99.9								99.9	99.1	99.4
35	98.5	99.9									100.0	99.8	99.8
30	99.8	100.0	100.0									99.9	100.0
25	100.0											100.0	100.0
MEAN	58.7	62.1	69.4	76.1	84.2	88.7	90.1	89.8	86.4	77.7	68.6	61.9	76.3
S D	10.894	10.458	9.380	6.798	6.210	4.801	4.165	4.062	6.109	6.868	8.877	9.518	13.625
TOTAL OBS	806	735	804	780	806	780	806	806	778	819	810	806	9536

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
03850 FT RUCKER AL

DAILY TEMPERATURES

STATION

STATION NAME

54-80

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						.1	.2						.0
75					.2	4.2	13.8	10.2	2.6				2.6
70			.6	1.5	10.9	56.3	86.5	84.2	49.1	3.7	.5		24.5
65	.9	2.2	4.7	14.5	49.0	88.2	98.6	97.9	79.4	16.2	3.6	1.6	38.1
60	4.2	5.9	14.8	35.0	74.1	98.2	99.9	99.9	92.4	36.9	12.5	6.3	48.5
55	9.6	13.5	28.1	56.8	91.7	99.4	100.0	100.0	97.4	59.6	23.5	12.4	57.7
50	19.5	21.8	43.9	76.5	97.5	100.0			99.5	75.9	38.9	22.0	66.4
45	29.7	35.5	61.3	90.5	99.9				99.7	91.1	55.1	35.4	75.0
40	44.9	51.6	78.2	98.3	100.0				99.9	96.9	74.4	51.9	83.1
35	59.9	69.8	90.7	99.9					100.0	99.8	87.2	68.2	89.7
30	67.6	77.1	93.7	100.0						100.0	92.2	75.9	92.3
25	79.7	87.1	97.8								97.0	86.4	95.7
20	91.9	95.5	99.5								99.1	97.5	98.6
15	97.5	99.5	99.8								99.9	99.4	99.7
10	99.1	100.0	100.0								100.0	99.8	99.9
5	99.6											99.9	100.0
	100.0											100.0	100.0
MEAN	38.8	41.1	47.8	55.7	63.2	69.2	71.9	71.6	67.9	56.0	46.6	41.0	55.9
S D	11.154	10.648	9.993	7.809	5.811	3.913	2.569	2.633	5.125	8.363	10.063	10.582	14.513
TOTAL OBS	806	735	804	780	806	780	806	806	778	819	810	806	9536

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
C3850 FT RUCKER AL

DAILY TEMPERATURES

STATION NAME

54-80

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.4	.5						.1
85					.5	6.2	11.8	8.3	1.5				2.4
80				.5	15.6	51.9	75.7	72.6	41.9	1.2			21.7
75		.3	3.1	12.4	50.1	89.9	98.8	98.0	77.1	14.0	2.1	.4	37.2
70	2.1	3.4	11.9	39.7	80.4	98.2	99.9	100.0	91.5	40.8	9.3	2.6	48.4
65	7.1	12.2	28.2	66.8	94.7	100.0	100.0		97.7	65.9	22.7	10.9	59.0
60	18.2	23.8	48.6	86.4	99.4				99.4	84.4	44.2	21.7	69.0
55	30.1	38.0	68.2	96.0	100.0				99.9	96.0	65.3	37.0	77.7
50	46.0	56.3	84.8	99.7					100.0	99.6	81.2	55.2	85.4
45	64.5	75.9	93.9	100.0						100.0	93.3	77.8	92.2
40	81.1	89.5	98.1								98.3	91.1	96.5
35	93.4	96.7	99.8								99.5	98.3	99.0
30	97.6	99.7	99.9								99.9	99.6	99.7
25	99.4	100.0									100.0	99.8	99.9
20	99.8		100.0									99.9	100.0
15	100.0											100.0	100.0
MEAN	49.0	51.8	58.9	67.1	74.0	79.2	81.3	80.9	77.4	67.1	57.8	51.7	66.4
S D	10.322	9.817	8.912	6.511	5.270	3.719	2.848	2.802	4.943	6.783	8.725	9.326	13.684
TOTAL OBS	806	735	804	780	806	780	606	806	778	819	810	806	9536

USAFETAC FORM 0-2 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

03850 FI RUCKER AL

54-80

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54										83	76	74	
55	76	79	89	91	96	94	95	97	95	89	84	80	97
56	74	83	81	89	95	94	96	98	93	88	84	78	98
57	81	84	82	88	93	95	97	99	98	94	84	74	99
58	70	78	77	90	92	97	93	94	94	89	83	76	97
59	74	79	79	85	93	96	95	97	93	92	84	75	97
60	80	74	82	87	94	94	97	95	94	88	81	74	97
61	75	79	82	83	90	92	93	93	92	87	86	80	93
62	79	85	86	89	98	94	97	101	96	89	79	71	101
63	75	80	87	90	92	101	93	96	95	88	81	71	101
64	70	66	92	86	94	98	91	93	95	88	80	77	98
65	76	78	81	88	96	96	96	94	92	88	79	74	96
66	75	72	82	87	89	93	100	94	94	88	84	77	100
67	75	75	87	90	94	95	92	92	91	98	82	79	95
68	73	72	83	89	92	97	99	94	90	87	78	73	99
69	74	76	80	85	90	98	97	92	93	86	77	77	98
70	77	72	90	90	92	95	98	92	93	89	76	81	98
71	79	80	79	88	87	97	95	94	92	91	88	83	97
72	80	79	79	88	86	95	94	97	96	89	83	78	97
73	71	72	82	83	93	92	97	93	93	88	83	76	97
74	80	78	89	86	94	95	95	93	92	86	85	77	95
75	81	83	94	89	94	94	95	94	95	87	84	78	95
76	72	78	82	90	87	93	97	97	90	84	74	71	97
77	67	81	86	87	94	101	99	95	93	90	78	81	101
78	70	71	85	88	96	102	97	95	99	91	84	83	102
79	71	76	83	88	88	96	97	97	94	86	80	76	97
80	71	76	78	86	87	95	103	101	99	88	79		
MEAN	74.8	77.2	82.8	87.7	92.2	95.7	96.1	95.3	93.7	88.0	81.3	76.7	97.7
S D	3.936	4.523	3.166	2.131	3.246	2.616	2.622	2.570	2.174	1.897	3.453	3.427	2.196
TOTAL OBS	806	735	874	780	806	780	806	806	778	819	810	806	9536

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0885 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

03850

FT RUCKER AL

54-20

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS	
54										*	35	24	26	
55	25	21	25	46	55	59	70	68	65	37	22	24	21	
56	24	32	31	44	51	52	64	60	53	50	24	31	24	
57	22	36	31	40	51	66	69	66	57	34	30	18	18	
58	22	16*	34	41	46	63	64	66	57	41	32	26	16	
59	21	29	33	39	55	66	69	69	62	46	23	27	21	
60	19	26	24	36	45	63	70	66	59	41	35	20	19	
61	19	31	35	41	48	61	67	64	52	40	30	22	19	
62	13	28	27	35	56	67	67	69	49	38	33	7	7	
63	8	23	36	44	47	61	64	67	57	39	30	17	8	
64	20	25	33	41	53	62	66	61	56	37	29	24	20	
65	19	25	30	42	45	64	66	66	58	37	32	27	19	
66	8	22	28	39	50	54	66	64	57	45	29	24	8	
67	29	21	35	47	49	61	57	61	38	41	31	26	21	
68	24	23	27	42	50	61	69	59	58	35	27	21	21	
69	19	29	26	43	48	60	70	64	56	49	25	28	19	
70	12	17	32	42	50	59	63	70	52	49	18	27	12	
71	22	18	28	33	42	62	68	70	61	42	33	38	18	
72	18	27	33	39	54	50	61	67	54	46	32	28	16	
73	24	23	40	38	50	63	69	65	58	37	34	23	23	
74	36	24	40	39	55	62	66	68	55	43	34	26	24	
75	25	26	33	36	59	65	69	71	47	43	30	19	19	
76	20	27	34	42	48	57	66	64	56	35	25	22	20	
77	9	24	33	40	51	62	72	71	66	39	30	26	9	
78	20	23	25	44	55	64	71	67	67	42	47	28	20	
79	20	23	37	47	48	57	67	64	59	44	28	27	20	
80	27	22	16	41	53	62	70	69*	68	39	34			
MEAN	20.2	24.7	30.9	40.8	50.5	61.0	67.0	66.0	56.4	41.1	29.7	24.3	17.8	
S D	6.354	4.560	5.426	3.510	4.012	4.257	3.359	3.268	6.102	4.475	5.491	5.584	5.071	
TOTAL OBS	818	735	824	730	806	780	806	806	778	819	810	806	9536	

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-985 (OLA)

* (AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
70/ 69		.3																3	3					
68/ 67	.5	.4	.2															11	11	8	8			
66/ 65	.4	2.3																25	25	21	14			
64/ 63	1.1	2.3	.3															34	34	25	28			
62/ 61	.8	1.6	.3	.4														29	29	28	29			
60/ 59	.9	1.7	.4	.2														30	30	24	19			
58/ 57	1.0	2.5	.2	.3														37	37	30	23			
56/ 55	.6	2.6	.8	.3		.2												42	42	37	33			
54/ 53	.4	2.0	1.1	.3	.1													37	37	35	27			
52/ 51	1.3	2.8	1.3	.2		.2												54	54	43	45			
50/ 49	.6	2.6	.9	.4		.5												47	47	44	38			
48/ 47	.3	3.2	.9	1.0	.1	.1												52	52	44	38			
46/ 45	.5	1.9	1.7	1.0														48	48	47	44			
44/ 43	.3	2.9	1.3	.3														45	45	40	41			
42/ 41	.4	2.3	1.9	1.1	.2													55	55	59	33			
40/ 39	.2	1.6	2.2	1.0	.1													47	47	43	36			
38/ 37	.1	1.3	2.0	1.3	.8													56	56	40	30			
36/ 35		1.6	2.3	1.4	.3													52	52	47	31			
34/ 33		1.5	2.6	.8	.1													46	46	43	38			
32/ 31		2.0	3.2	1.4														62	62	57	35			
30/ 29		1.3	2.7	1.0														46	46	53	36			
28/ 27		.9	1.6	.4														27	27	52	40			
26/ 25			1.6	.4														19	19	44	36			
24/ 23		.4	.6															10	10	20	29			
22/ 21			.6															6	6	26	37			
20/ 19		.4	.3															7	7	5	36			
18/ 17		.2																2	2	11	29			
16/ 15		.1																1	1	3	20			
14/ 13																				1	23			
12/ 11																					22			
10/ 9																					11			
8/ 7																					7			
6/ 5																					9			
4/ 3																					5			
Element (X)	Σ X ²			Σ X		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature														
Rel Hum										≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL

69-70, 73-80

JAN
MONTH

PAGE 2

0000-0200

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03850
STATIC

FT RUCKER AL STATION NAME

69-70, 73-80

YEARS

JAN
MONTH

PAGE 2

0300-0500
HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

JAN
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
76/ 69		.5																	5	5	1	1		
68/ 67		1.3	.1																13	13	4	4		
66/ 65	.8	1.8																	24	24	26	20		
64/ 63	.6	1.3		.1															19	19	20	20		
62/ 61	.3	2.5	.1	.1															28	28	23	18		
60/ 59	.9	2.6	.2	.2															36	36	25	31		
58/ 57	.6	1.2	.3																20	20	29	26		
56/ 55	1.0	1.7	.5																30	30	24	26		
54/ 53	1.1	2.0	.4	.2		.1													36	36	33	23		
52/ 51	1.6	2.7	.9																48	48	43	45		
50/ 49	1.2	2.3	.5	.1		.1													39	39	38	35		
48/ 47	.4	2.4	.3	.1	.3														33	33	36	27		
46/ 45		3.2	1.3	.4	.4	.1													51	51	38	31		
44/ 43	.1	4.1	1.3	.5	.3														59	59	33	38		
42/ 41	1.2	2.3	1.1	.1	.1														44	44	59	42		
40/ 39	.6	2.4	1.5	.6	.5														53	53	50	38		
38/ 37	.4	3.3	1.9	.3															56	56	43	30		
36/ 35	.2	1.2	2.2	.9	.2														43	43	54	39		
34/ 33	.1	1.6	3.5	.8															56	56	35	32		
32/ 31	.9	3.9	2.0	1.7															79	79	55	46		
30/ 29		1.6	2.2	.5															40	40	66	37		
28/ 27	.1	2.4	1.7	.6															45	45	44	35		
26/ 25		1.4	.8	.1															21	21	64	50		
24/ 23		.6	.9	.2															16	16	29	22		
22/ 21		.5	1.0	.1															15	15	14	32		
20/ 19		.8	.1																8	8	18	36		
18/ 17		.2																	2	2	13	39		
16/ 15		.2	.4																6	6	4	32		
14/ 13		.1																	1	1		24		
12/ 11		.2																	2	2	5	14		
10/ 9		.2																	2	2	2	14		
8/ 7																					2	6		
6/ 5																						5		
2/ 1																						4		
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

1

JAN
MONTH

0600-0800
HOURS (L. S. T.)

USAF/AC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point												
76/ 75			.1															1	1													
74/ 73			.1	.1														2	2													
72/ 71		.1	.4	.1	.2	.2	.1											11	11	2												
70/ 69		.9	.9	.4	.3	.3												23	23	7	4											
68/ 67	.2	1.0	.8	.3	.3	.1												25	25	15	15											
66/ 65	.4	1.3	.3	.3	.3	.1												26	26	24	14											
64/ 63	.1	2.5	.2	1.2	.2	.1	.2	.1										43	43	24	17											
62/ 61	.6	1.5	.5	.6	.3	.5		.1										40	40	35	38											
60/ 59	.2	2.5	.6	.5	.9	.5		.1										50	50	35	29											
58/ 57	.3	1.4	.8	.4	.2	.1	.1											31	31	47	29											
56/ 55	.4	1.7	.9	1.1	.3	.6	.1											48	48	24	26											
54/ 53	.6	1.8	1.3	.8	.4	.4	.2											52	52	42	38											
52/ 51	.2	1.6	1.6	.4	1.3	.2	.3											53	53	53	44											
50/ 49	.2	1.5	1.4	.6	.4	.5	.2	.3										49	49	45	31											
48/ 47	.5	2.0	.4	.8	1.0	.9	.3											55	55	54	33											
46/ 45	.3	2.2	1.5	1.0	.6	1.1	.3											65	65	44	48											
44/ 43	.2	1.0	.8	1.4	.9	.9												47	47	50	43											
42/ 41	.3	.6	.9	2.0	1.5	.5												55	55	34	35											
40/ 39	.2	1.1	1.7	.8	2.0	.4												58	58	43	26											
38/ 37		1.1	1.1	.9	1.7	.1												38	38	51	26											
36/ 35		.8	1.6	2.2	.9	.1												51	51	67	29											
34/ 33		.5	1.4	1.2	.8													36	36	46	32											
32/ 31	.4	.4	.6	1.3	.4													30	30	62	46											
30/ 29			.2	.8	.1													10	10	41	34											
28/ 27			.8	.8														14	14	30	30											
26/ 25			.5	.2														7	7	18	36											
24/ 23			.1	.2														3	3	17	21											
22/ 21			.2															2	2	9	28											
20/ 19			.2															2	2	3	46											
18/ 17			.1															1	1	3	22											
16/ 15			.1															1	1	2	27											
14/ 13		.1																1	1	2	19											
12/ 11																				1	22											
10/ 9																					15											
Element (X)	Σ X'			Σ X			Σ			Σ			Σ			Σ			Σ			Σ										
Rel. Hum.																																
Dry Bulb																																
Wet Bulb																																
Dew Point																																
																			</													

PSYCHROMETRIC SUMMARY

03850
STATIO

FT RUCKER AL

69-70, 73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-1100

HCURS (L, S, T, J)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0385G FT RUCKER AL STATION NAME

69-70,73-80 YEARS

JAN MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
82/ 81							.3	.3	.1									1	1	
80/ 79						.3	.3											6	6	
78/ 77					.6	.2	.3											11	11	
76/ 75				.2	.8	.6	.1	.1	.2									19	19	
74/ 73			.3	.4	.4	.9	.5	.2	.2									28	28	
72/ 71		.2	.4	.4	.2	.5	.5	.1										23	23	4
70/ 69		.3	.4	.3	.4	.9	.4	.3		.2	.1							32	32	19
69/ 67	.1	.5	.4	.8	.6	.8	.4	.1	.1	.1	.1							38	38	25
66/ 65		1.2	1.0	1.2	.5	1.0	1.3	.5	.6	.1								69	69	33
64/ 63	.2	1.4	.5	.3	.4	1.2	1.5	.4	.2									58	58	34
62/ 61	.1	.8		.8	.9	1.1	.3	.1		.1								38	38	43
60/ 59	.1	1.2	.6	.6	.4	.3		.9	.1									40	40	44
58/ 57		.8	1.0	.8	.4	.6	1.0	.8	.1									50	50	28
56/ 55	.3	1.0	.8	.3	.3	1.4	1.4	.4	.3									58	58	43
54/ 53	.3	.9	1.5	.2	.2	.5	.6	1.5	.1									55	55	72
52/ 51		1.1	.9	.4	.6	.5	1.0	.5	.7									50	50	52
50/ 49	.1	1.3	.3	.8	.5	.9	1.5	.9										58	58	49
48/ 47	.6	.5	.4	.3	1.1	.3	1.2	.1										43	43	38
46/ 45	.2	.8	.6	.9	.9	1.6	1.6											61	61	47
44/ 43		.4	.4	.9	1.0	1.5	.4											43	43	51
42/ 41	.1	.6	.5	.8	1.0	1.0	.2											39	39	40
40/ 39	.1	.2	1.2	.4	.4	1.2	.1											34	34	57
38/ 37		.1	.5	.6	.9	.8												27	27	55
36/ 35			.2	.8	.9	.1												18	18	61
34/ 33		.3	.3	.2	.5													13	13	41
32/ 31		.1	.1	.1	.4													9	9	30
30/ 29		.1	.1	.2														4	4	30
28/ 27		.1		.2	.1													4	4	18
26/ 25				.1														1	1	7
24/ 23																				5
22/ 21																				3
20/ 19																				1
18/ 17																				32
16/ 15																				20
Element (X)	Σ X ²		Σ X		Σ		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature						Total			
Rel Hum											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

PSYCHROMETRIC SUMMARY

03850

FT RUCKER AL

69-70, 73-80

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

C3850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
80/ 79							.3											3	3						
78/ 77					.1	.5	.9			.2								16	16						
76/ 75				.2	.8	.5	.4	.2	.1									21	21						
74/ 73				.5	.4	.5	.2	.1	.1									18	18						
72/ 71			.4	.3	.4	.5	.8	.3	.1									27	27						
70/ 69		.4	.8	.4	.6	.9	.3	.3		.2	.2							39	39	11	1				
68/ 67		.8	.2	.8	.8	.3	1.1			.4								40	40	30	4				
66/ 65		.6	.8	.6	.8	.8	1.6	.4	.2									54	54	26	20				
64/ 63	.3	1.6	.5	.6	.9	1.7	1.0	.5	.2									69	69	45	30				
62/ 61	.3	1.5	.3	.2	.8	.8	.5		.2	.1								44	44	38	28				
60/ 59	.2	1.1	.3	.8	.4	.6	.4	.3	.5									48	48	53	42				
58/ 57	.4	1.1	.4	.8	.5	.4	.9	1.1	.3									55	55	45	42				
56/ 55		.5	1.2	.5	.4	.5	1.0	1.1	.3									52	52	42	25				
54/ 53	.3	1.3	1.1	.2	.5	.8	.8	1.0	.2									57	57	65	36				
52/ 51		.8	1.0	.1	.5	1.1	.9	.9										48	48	49	27				
50/ 49	.5	.5	.4	.4	1.1	.4	1.4	.9										53	53	50	36				
48/ 47		.4	.3	.5	.6	1.0	1.2	.1										39	39	35	55				
46/ 45	.3	.8	.3	.5	.8	1.2	1.3											48	48	40	55				
44/ 43		.6	.8	1.1	.6	1.7	.3											49	49	52	26				
42/ 41		.6	.3	.9	.4	1.1	.8											38	38	46	30				
40/ 39	.2	.1	1.2	.5	1.0	1.2	.2											41	41	55	19				
38/ 37		.3	.5	.8	.6	1.7												30	30	58	32				
36/ 35		.2	.2	.4	.4	.2												14	14	60	32				
34/ 33		.1	.1	.3	.5	.2												12	12	34	25				
32/ 31		.1	.1	.2	.6													10	10	35	29				
30/ 29			.1	.2														3	3	26	40				
28/ 27			.1	.1														2	2	15	36				
26/ 25																				9	21				
24/ 23																				11	12				
22/ 21																					39				
20/ 19																					45				
18/ 17																					31				
16/ 15																					19				
14/ 13																					27				
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

03850	FT RUCKER AL
STATION	STATION NAME

69-70, 73-80

YEARS

JAN
MONTH

PAGE 2 1500-1700

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

JAN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
72/ 71			.5	.2	.2													9	9				
70/ 69		.2	1.1	.2														14	14	1			
68/ 67		.6	1.2	.4	.3		.1											25	25	7	4		
66/ 65	.2	1.4	1.1	.1	.6	.5												37	37	25	12		
64/ 63	.6	2.0	.9	.9	.4	.1												46	46	32	31		
62/ 61	1.0	1.9	1.1	1.7	.6	.1												53	53	46	34		
60/ 59	.4	1.6	1.5	.8	1.0	.2	.1		.1									53	53	42	45		
58/ 57	.5	1.4	.4	1.9	1.7	.4												53	53	39	28		
56/ 55	.4	1.6	1.0	.8	.6	.1	.2	.1										45	45	45	26		
54/ 53		1.0	2.6	1.2	.8	.2	.8											60	60	41	38		
52/ 51	.3	.8	1.8	1.0	.6	.6	.5											53	53	45	29		
50/ 49	.3	1.2	.8	.9	.9	1.1	.3											50	50	59	22		
48/ 47	.4	1.1	1.2	1.0	.9	1.0	.5											56	56	44	63		
46/ 45	.2	.6	.5	.9	1.0	1.2	.2											43	43	36	57		
44/ 43	.2	1.6	.9	1.3	1.3	.6												55	55	45	28		
42/ 41		.4	.6	1.3	1.9	.6												46	46	44	29		
40/ 39		1.2	1.4	.8	2.0	.1												51	51	49	30		
38/ 37		.6	1.8	1.3	1.2													46	46	53	30		
36/ 35		.5	.9	1.5	1.1	.2												39	39	51	26		
34/ 33		.6	1.0	1.3	1.0													36	36	61	33		
32/ 31			1.1	1.4	.9													31	31	42	25		
30/ 29			.3	.8	.2													12	12	37	38		
28/ 27				.4														4	4	33	43		
26/ 25			.3	.5														8	8	27	22		
24/ 23			.5															5	5	11	22		
22/ 21																				11	44		
20/ 19																				4	41		
18/ 17																					33		
16/ 15																					23		
14/ 13																					15		
12/ 11																					27		
10/ 9																					15		
8/ 7																					12		
6/ 5																					9		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

JAN

MONTH

1800-2000

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL 69-70,73-80 JAN
STATION STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70/ 69		.3																3	3	2					
68/ 67		.5	.4	.1														10	10	1	3				
66/ 65	.5	1.9	.1	.1														25	25	17	11				
64/ 63	.4	2.3	.1	.2														28	28	23	25				
62/ 61	1.0	2.2	.5	.4														38	38	35	26				
60/ 59	1.4	3.1	1.8	.4	.1													64	64	37	44				
58/ 57	1.3	1.2	.8	1.0	.2		.1											42	42	47	23				
56/ 55	.2	2.2	1.7	.4	.1	.1	.1											45	45	28	29				
54/ 53	.5	1.3	1.7	.5	.2	.3	.1											44	44	42	39				
52/ 51	1.1	2.4	1.8	1.1	.2	.2	.1											64	64	54	40				
50/ 49	.2	1.9	1.4	.6	.2	.5												46	46	54	34				
48/ 47		1.8	1.1	.6	1.0	.1												43	43	30	42				
46/ 45		1.2	2.3	1.1	.8	.1												50	50	42	45				
44/ 43	.1	2.0	1.8	1.0	.5	.3												54	54	39	23				
42/ 41	.4	1.3	1.5	1.3	.8	.1												50	50	53	37				
40/ 39	.1	.9	1.9	1.6	2.3													63	63	50	37				
38/ 37		1.1	1.2	1.7	.5													42	42	44	31				
36/ 35		1.7	2.3	1.5	.1													52	52	51	29				
34/ 33		1.0	1.7	1.5	.1													40	40	52	29				
32/ 31		1.3	2.4	1.4	.2													49	49	65	42				
30/ 29		.2	1.7	1.8	.2													37	37	38	48				
28/ 27		.1	.9	.9														17	17	40	39				
26/ 25			1.0	.3														12	12	34	40				
24/ 23			.6	.1														7	7	23	25				
22/ 21			.5															5	5	16	30				
20/ 19																				10	42				
18/ 17																				3	29				
16/ 15																					13				
14/ 13																					21				
12/ 11																					16				
10/ 9																					12				
8/ 7																					15				
6/ 5																					5				
4/ 3																					4				
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total						
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 6-64 G-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL

69-70, 73-80

JAN

PAGE 2

2100-2300
HOURS (L, S, T.)

[illegible]

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

JAN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point							
82/ 81							.0	.1	.0									1	1								
80/ 79						.0	.1	.1										9	9								
78/ 77					.1	.1	.1			.0								27	27								
76/ 75			.0	.1	.2	.1	.1	.0	.0									41	41								
74/ 73			.1	.1	.1	.2	.1	.0	.0									48	48								
72/ 71		.0	.2	.1	.1	.2	.2	.1	.0									70	70	6							
70/ 69		.4	.4	.2	.1	.3	.1	.1		.1	.0							123	123	42	7						
68/ 67	.1	.8	.4	.3	.3	.1	.2	.0	.0	.1	.0							175	175	96	58						
66/ 65	.3	1.5	.4	.3	.3	.3	.4	.1	.1	.0								278	278	194	129						
64/ 63	.6	1.9	.3	.4	.2	.4	.3	.1	.1									329	329	223	197						
62/ 61	.6	1.8	.4	.4	.3	.3	.1	.0	.0	.0								295	295	275	227						
60/ 59	.6	2.0	.7	.5	.3	.2	.1	.2	.1									356	356	287	277						
58/ 57	.6	1.3	.5	.7	.3	.2	.3	.2	.1									310	310	296	224						
56/ 55	.5	1.6	.9	.4	.2	.4	.3	.2	.1									350	350	263	221						
54/ 53	.6	1.5	1.3	.5	.3	.3	.3	.3	.0									380	380	367	260						
52/ 51	.8	1.8	1.2	.4	.4	.4	.3	.2	.0									412	412	388	310						
50/ 49	.6	1.7	.9	.5	.4	.6	.4	.3										390	390	372	267						
48/ 47	.4	1.8	.7	.5	.6	.4	.4	.0										362	362	320	344						
46/ 45	.2	1.6	1.2	.8	.6	.7	.4											411	411	328	355						
44/ 43	.2	2.0	1.0	.9	.6	.6	.1											411	411	349	269						
42/ 41	.4	1.5	1.0	1.0	.8	.4	.1											379	379	400	279						
40/ 39	.3	1.3	1.7	.8	1.0	.4	.0											411	411	405	266						
38/ 37	.1	1.2	1.4	.9	.6	.2												333	333	387	239						
36/ 35	.0	.9	1.5	1.3	.5	.1												318	318	428	238						
34/ 33	.0	.9	1.6	.8	.4	.0												284	284	345	247						
32/ 31	.2	1.4	1.5	1.0	.3													329	329	392	299						
30/ 29		.7	1.3	.8	.1													207	207	360	304						
28/ 27	.0	.7	.9	.5	.0													164	164	276	305						
26/ 25		.3	.6	.2														88	88	265	253						
24/ 23		.2	.5	.1														54	54	151	179						
22/ 21		.1	.4	.0														42	42	95	279						
20/ 19		.2	.1															21	21	39	338						
18/ 17		.1	.0															11	11	37	248						
16/ 15		.1	.1															11	11	13	173						
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F					Total				
Dry Bulb																											
Wet Bulb																											
Dew Point																											

FORM 1-54
USAFETAC
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

03850
STATIO

FT RUCKER AL

69-70, 73-80

JAN
MONTH

PAGE 2

ALL
HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (P)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
14/ 13		.1																4	4	7	180			
12/ 11		.0																3	3	8	148			
10/ 9		.0																3	3	3	107			
8/ 7																				3	80			
6/ 5																					52			
4/ 3																					34			
2/ 1																					28			
0/ -1																					13			
-2/ -3																					6			
TOTAL	7.2	31.6	23.2	14.6	9.3	6.8	4.5	1.9	.6	.2	.1								7440		7440			
																		7440		7440				

2

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YEARS

MONTH

0000-0200
HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OLA) **REPLACES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE**

PSYCHROMETRIC SUMMARY

03850
STATIC

FT RUCKER AL

69-70, 73-80

FEB

PAGE 2

3000-0206
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
72/ 71		.1	.2															3	3					
70/ 69		.1	.2															3	3	1				
68/ 67		1.4																12	12	7				
66/ 65	.2	.9	.4															13	13	16				
64/ 63	.2	2.1	.1	.1														22	22	15				
62/ 61	1.3	2.1	.2															31	31	28				
60/ 59	.2	1.5	.5	.1														20	20	13				
58/ 57	.5	1.1	.9	.1														22	22	19				
56/ 55	.4	2.4	.5															27	27	17				
54/ 53	.7	1.7	.6															25	25	37				
52/ 51	.4	2.0	.6															25	25	23				
50/ 49	.7	2.7	1.3	.2		.4												45	45	31				
48/ 47	.8	2.4	2.4	.7														53	53	34				
46/ 45	.6	2.4	2.0	.6														47	47	37				
44/ 43	.1	2.7	2.4	.4	.5													51	51	45				
42/ 41	.7	2.0	2.1	.5	.6													50	50	46				
40/ 39	.6	2.7	3.1	1.3	.6													70	70	56				
38/ 37	.7	1.9	4.0	1.3	.1													68	68	52				
36/ 35	.7	3.1	3.2	1.2														69	69	60				
34/ 33	.1	2.5	2.2	1.4	.2													55	55	80				
32/ 31	.2	2.8	2.4	1.3	.1													58	58	58				
30/ 29	.1	1.8	1.9	.2														34	34	52				
28/ 27	.2	1.2	.7															18	18	47				
26/ 25		.6	1.4															17	17	37				
24/ 23		.2	.4															5	5	11				
22/ 21																				14				
20/ 19			.4															3	3	26				
18/ 17																				2				
16/ 15																				1				
14/ 13																				14				
12/ 11																				5				
10/ 9																				6				
8/ 7																				3				
6/ 5																				2				
Element (X)	Σx^1		Σx		\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

69-70, 73-80 YEARS

FEB
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FEB

MONTH

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03850
STATIO

FT RUCKER AL

69-70, 73-80

FE6

PAGE 2

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03850	FT RUCKER AL
STATION	STATION NAME

69-70, 73-80

YEARS

FEB
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
78 / 77				.1	.1													2	2				
76 / 75				.1	.1	.2	.1											5	5				
74 / 73		.1		.2	.1	.1	.1				.2							7	7				
72 / 71			.4	.1	.6	.1	.1	.1		.2								14	14	3			
70 / 69		.4	.7	.6	.5	.2	.1	.2	.2									25	25	4	2		
68 / 67		.6	.8	.5	.2	.6	.4	.1	.1									28	28	13	5		
66 / 65		.9	.5	.5	1.3	.5	.5	.4	.1									39	39	17	15		
64 / 63	.5	1.7	.5	.8	.7	.5	.4	.5										46	46	27	13		
62 / 61	.2	1.9	.6	.2	.6	.9	.4	.4	.2									46	46	30	27		
60 / 59	.1	1.4	.8	.7	.7	.8	.8	.4	.2									51	51	36	30		
58 / 57	.1	1.3	.4	.7	.4	.9	.5	.4	.4									42	42	39	23		
56 / 55	.2	.6	.5	.8	.6	1.1	.7	.8										45	45	42	27		
54 / 53	.1	1.7	.6	1.2	1.3	.7	1.2	.2										59	59	33	32		
52 / 51	.2	.8	.7	.5	1.7	1.2	1.1	.5										56	56	46	27		
50 / 49	.2	1.2	.8	1.4	1.8	.9	.6	.2										61	61	42	29		
48 / 47	.4	.9	.4	.5	2.1	1.7	.2											52	52	59	31		
46 / 45	.2	1.1	.6	1.1	.9	1.2	.5											47	47	47	34		
44 / 43		.2	.5	1.5	1.9	.7												41	41	52	32		
42 / 41		.1	1.8	.8	1.3	.8												41	41	61	24		
40 / 39	.4	.6	1.2	1.1	.9	.5												39	39	47	36		
38 / 37	.4	.8	.2	1.1	1.3	.1												33	33	75	40		
36 / 35	.1	.6	.2	1.3	.4													22	22	43	51		
34 / 33	.4		.2	.6	.7													16	16	35	28		
32 / 31		.1	1.2	.5	.1													16	16	28	58		
30 / 29			.6	.2														7	7	31	34		
28 / 27			.5															4	4	17	29		
26 / 25				.1														1	1	10	37		
24 / 23			.1															1	1	7	24		
22 / 21																				1	39		
20 / 19																				1	37		
18 / 17																					22		
16 / 15																					19		
14 / 13																					17		
12 / 11																					12		
Element (X)	Σx²			Σx			X		x̄		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

03850
STATIC

FT RUCKER AL

69-70, 73-80

FEB

PAGE 2

0900-1100

HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 C / 9																					5	
8 / 7																					6	
6 / 5																					1	
TOTAL	3.5	17.0	14.7	17.3	20.2	13.8	7.6	4.1	1.3	.2	.2								846		846	
																		846		846		
																				</		

PSYCHROMETRIC SUMMARY

FEB
MONTH

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
84/ 83								.1										1	1					
80/ 79												.2						6	6					
78/ 77						.1	.2	.1	.2	.2				.2				13	13					
76/ 75				.4	.2	.8	.9	.6	.4	.4		.2						33	33					
74/ 73				.4	.5	1.5	.4	.6	.1	.2	.5							35	35					
72/ 71		.1	.4	.7	.8	.8	.9	.8	.2	.2								43	43	6				
70/ 69		.2	.8	.7	.7	1.1	.6	.9	.7	.5	.1							54	54	11				
68/ 67		.2	.1	.7	.5	1.5	.8	1.1	.6	.5	.1							52	52	11				
66/ 65		.8	.8	.4	.2	.2	.7	1.2	1.7	1.1								60	60	32				
64/ 63		.4	.2		.6	.2	1.2	.4	.9	.5								37	37	49				
62/ 61	.2	.6	.1	.1	.2	.4	.9	1.4	1.8	.4								52	52	36				
60/ 59	.2	.5	.1	.1	.1	.4	.9	1.2	1.9	.2								48	48	45				
58/ 57	.1	.4	.6	.1	.2	.9	.6	2.2	1.5	.1								58	58	38				
56/ 55		.8	.1	.5	.2	.5	1.1	1.9	.5									47	47	32				
54/ 53	.1	.6	.4	.7	.2	.9	1.3	1.8	.4									54	54	48				
52/ 51	.1	1.4	.5	.1	.4	1.2	1.1	.6	.2									47	47	40				
50/ 49	.1	.7	.4	.2	1.2	1.3	1.3	.1										45	45	60				
48/ 47	.2	.1	.2	.2	.4	.7	.8	.1										29	29	64				
46/ 45	.2	.4	.2	.5	.7	.9	1.2											35	35	49				
44/ 43	.1		.2	.8	.9	.4	.4											23	23	65				
42/ 41	.2	.4	.7		.4	.7	.2											22	22	73				
40/ 39		.9	.2		.4	.2												15	15	49				
38/ 37	.1		.1	.2	1.4	.4												19	19	48				
36/ 35		.4	.1	.1	.2													7	7	26				
34/ 33	.1	.5	.4		.1													9	9	23				
32/ 31				.2														2	2	22				
30/ 29																				14				
28/ 27																			3	32				
26/ 25																			2	37				
24/ 23																				38				
22/ 21																				35				
20/ 19																				40				
18/ 17																				18				
16/ 15																								

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

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FEB

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FROM

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL
STATION STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
74/ 73			.2	.1															3	3								
72/ 71		.1	.7		.2														9	9								
70/ 69		.9	.6	.6	.4	.2	.1		.1	.1									26	26	7	1						
68/ 67		.4	1.7	1.1	.4	.2		.1		.1									33	33	16	8						
66/ 65		1.8	.6	.6	1.2	.1	.4	.2	.2										43	43	14	19						
64/ 63	.1	.7	.9	1.3	.7	.6	.8	.1	.1										46	46	29	18						
62/ 61	.1	.7	1.4	1.2	.7	.7	.6	.1	.2										49	49	26	16						
60/ 59	.2	.7	1.1	.8	.8	.5	1.1	.7	.1										51	51	28	24						
58/ 57		.9	.2	1.1	1.1	1.2	.7	.6											49	49	46	25						
56/ 55		.4	.8	1.1	1.3	.9	1.7	.6											57	57	27	25						
54/ 53	.2	.7	.9	.6	.7	1.5	1.2	.7											56	56	36	32						
52/ 51	.5	.8	1.1	.2	1.9	2.0	1.7	.1											70	70	48	26						
50/ 49	.4	1.3	1.1	.7	1.2	2.5	.9	.1											69	69	56	28						
48/ 47	.1	.4	.4	.9	1.7	2.4	.4												52	52	56	29						
46/ 45	.4	.4	.5	2.0	1.9	1.3	.4												57	57	54	39						
44/ 43		.2	1.2	1.3	.9	1.1	.1												41	41	48	26						
42/ 41	.5	.8	1.2	.2	.8	.6													35	35	69	35						
40/ 39	.1	.8	1.3	.7	1.1	.5													38	38	96	18						
38/ 37			.2	.7	1.3	.2													21	21	63	48						
36/ 35	.2	.1	.5	.5	.7														17	17	33	39						
34/ 33	.1	.5	.1	.5	.5														14	14	28	51						
32/ 31			.2	.6															7	7	28	46						
30/ 29					.1														1	1	18	63						
28/ 27				.2															2	2	12	42						
26/ 25																					5	29						
24/ 23																					1	35						
22/ 21																					2	26						
20/ 19																						33						
18/ 17																						20						
16/ 15																						14						
14/ 13																						17						
12/ 11																						5						
10/ 9																						6						
8/ 3																						3						
Element (X)	Σ X ²			Σ X			X			°s			No. Obs.			Mean No. of Hours with Temperature												
Rel. Hum.																≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																												
Wet Bulb																												
Dew Point																												

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73			.2															2	2					
72/ 71		.1	.2															3	3					
70/ 69		.4																7	3	5				
68/ 67		2.2	.2	.4														24	24	18				
66/ 65		2.0	.9	.1														26	26	9				
64/ 63	.1	2.0	.5	.2	.1			.1										26	26	24				
62/ 61	.1	1.7	.5	.4	.1													23	23	27				
60/ 59	.6	1.4	1.3	.4	.4	.2												36	36	19				
58/ 57	.5	1.7	1.4	1.2	.2													42	42	29				
56/ 55	.6	.9	.9	1.2	.9	.5												43	43	32				
54/ 53	.1	1.3	1.4	.9	.7	.5												42	42	28				
52/ 51	.2	2.0	1.5	2.0	.9	.4	.1											61	61	34				
50/ 49	.4	.9	.6	2.2	1.9	1.3	.4											65	65	46				
48/ 47	.6	1.3	1.4	2.2	1.9	.6	.1											69	69	42				
46/ 45	.7	.8	2.0	1.1	2.4	1.2												69	69	51				
44/ 43	.1	.7	2.0	2.1	1.3	.2												55	55	50				
42/ 41	.5	.9	1.9	3.0	1.5	.2												68	68	74				
40/ 39	.6	1.3	1.4	1.9	.9	.1												53	53	65				
38/ 37	.5	.9	1.7	1.4	.7													44	44	84				
36/ 35		.7	.7	1.9	.5													32	32	62				
34/ 33	.2	.5	.6	1.3	.2													24	24	43				
32/ 31		.7	1.1	.8														22	22	35				
30/ 29			.6	.4														8	8	27				
28/ 27			.2															2	2	23				
26/ 25				.2														2	2	12				
24/ 23				.1														1	1	3				
22/ 21																				1				
20/ 19																				2				
18/ 17																				25				
16/ 15																				15				
14/ 13																				8				
12/ 11																				5				
10/ 9																				1				
4/ 3																				3				
Element (X)	Σ x'		Σ x		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

G3850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
34/ 83								.0										1	1								
32/ 81						.0		.0				.0	.0					4	4								
80/ 79					.0	.0	.0	.0		.0								7	7								
78/ 77				.0	.1		.1	.0	.0	.0		.0	.1					27	27								
76/ 75				.1	.1	.2	.2	.1	.1	.0	.0	.1						65	65								
74/ 73		.0	.1	.1	.1	.3	.1	.1	.1	.1	.1	.0						80	80								
72/ 71		.1	.3	.1	.3	.2	.3	.2	.1	.2	.0							123	123	14							
70/ 69		.5	.5	.4	.3	.4	.2	.2	.2	.1	.0							191	191	45	8						
68/ 67		.9	.5	.4	.2	.4	.2	.3	.2	.2	.0							229	229	97	52						
66/ 65	.1	1.2	.5	.3	.4	.2	.2	.4	.4	.3	.0							269	269	139	131						
64/ 63	.1	1.4	.3	.3	.3	.2	.4	.2	.3	.1								252	252	207	113						
62/ 61	.6	1.3	.4	.3	.2	.3	.3	.4	.7	.1								308	308	260	180						
60/ 59	.4	1.2	.6	.3	.4	.3	.5	.4	.6	.1								315	315	223	216						
58/ 57	.3	1.3	.7	.5	.3	.4	.3	.7	.5	.0								336	336	248	176						
56/ 55	.3	1.0	.6	.6	.4	.4	.6	.6	.2									315	315	225	169						
54/ 53	.4	1.2	.8	.6	.4	.5	.6	.5	.1									354	354	294	231						
52/ 51	.3	1.5	1.0	.5	.7	.8	.6	.3	.0									378	378	307	206						
50/ 49	.5	1.4	1.1	.8	1.0	1.0	.5	.1										423	423	365	245						
48/ 47	.5	1.1	1.1	.9	.9	.7	.3	.0										376	376	392	229						
46/ 45	.5	1.2	1.3	.9	.9	.8	.4											403	403	380	263						
44/ 43	.1	1.0	1.4	1.1	.8	.3	.2											331	331	430	213						
42/ 41	.3	1.0	1.8	1.0	.7	.4	.0											363	363	486	246						
40/ 39	.4	1.4	1.7	1.1	.6	.3												362	362	467	292						
38/ 37	.4	1.0	1.6	.9	.4	.1												329	329	483	316						
36/ 35	.3	1.1	1.3	1.0	.4													277	277	383	361						
34/ 33	.3	1.0	1.0	.7	.2													212	212	374	323						
32/ 31	.1	1.0	1.2	.7	.1													202	202	300	452						
30/ 29	.0	.4	.9	.1	.0													102	102	231	356						
28/ 27	.1	.3	.5	.1														64	64	193	326						
26/ 25		.2	.4	.0														40	40	119	315						
24/ 23		.1	.2	.0														20	20	56	241						
22/ 21			.1															4	4	34	234						
20/ 19			.0															3	3	7	260						
18/ 17		.0																2	2	5	209						
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											Total					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total				
Dry Bulb																											
Wet Bulb																											
Dew Point																											

PSYCHROMETRIC SUMMARY

03850

FT RUCKER AL

69-70, 73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL

69-70, 73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point														
74/ 73		.1	.3															4	4															
72/ 71		.4	1.3															16	16	3														
70/ 69		1.7	1.7	.3														35	35	11	8													
68/ 67	.9	1.7	.9															32	32	42	31													
66/ 65	.4	2.4	.3	.2														31	31	30	25													
64/ 63	.2	4.4	.4	.3														50	50	41	44													
62/ 61	1.2	4.1	.9	.1	.2													60	60	54	55													
60/ 59	3.2	2.2	1.1	.2		.1	.2											65	65	74	72													
58/ 57	1.0	2.7	1.0	.6	.1													50	50	47	47													
56/ 55	1.0	1.7	.9	.5	.2	.2												42	42	32	37													
54/ 53	1.1	3.4	2.2	.6	.2	.2												72	72	46	32													
52/ 51	.9	2.9	2.6	1.2	.4		.1											73	73	59	46													
50/ 49	1.0	2.3	2.2	1.2	.3	.2	.1											67	67	61	51													
48/ 47	.8	2.2	.2	1.0	.6	.2												46	46	65	49													
46/ 45	1.1	2.6	1.8	1.5	.2													67	67	54	44													
44/ 43	.9	3.2	.5	1.2														54	54	54	52													
42/ 41	.4	1.1	1.6	1.1														39	39	59	42													
40/ 39	.5	1.5	1.8	.3														33	39	49	43													
38/ 37	.2	1.5	.6	.2														24	24	50	45													
36/ 35	.1	.9	.8	.2														18	18	31	24													
34/ 33	.1	.6	.9	.1														16	16	16	48													
32/ 31	.5	.2	.6															13	13	21	38													
30/ 29		.2	.5															7	7	10	33													
28/ 27		.1	.3															3	3	9	12													
26/ 25		.2																2	2	5	11													
24/ 23		.1																1	1	3	6													
22/ 21		.1																1	1	1	12													
20/ 19		.1	.2															3	3		11													
18/ 17																				3														
16/ 15																					2													
8/ 7																					3													
TOTAL	15.4	44.6	25.5	10.8	2.4	1.0	.4											930		930		930												
Element (X)	Σ x ²			Σ x			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																		
Rel. Hum	6703050			77916			83.8			13.733			930			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	2643075			48627			52.3			10.402			930				3.6	8.7	.4			93												
Wet Bulb	2423201			46393			49.9			10.826			930				5.2	5.6				93												
Dew Point	2226638			43968			47.3			12.619			930				13.0	3.9				93												

FORM 0-26-5 (OL 4) REVISION 1-64 EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0600-0800
HOURS (L. S. T.)

0-26-5 (OLA) DERIVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

STATION NAME

YEARS

MONTH

0600-0800

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
86/ 85									.1									1	1																
84/ 83									.1									1	1																
82/ 81						.1	.2	.2										5	5																
80/ 79				.1	.1	.4	.4	.1	.1		.2							14	14																
78/ 77				.3	.6	.5	.5	.2	.1	.4		.1						27	27																
76/ 75			.3	1.6	.8	.5		.3	.1	.1	.1	.1						37	37																
74/ 73		.3	.8	1.2	.8	.9		.2	.6	.2								46	46	1															
72/ 71		.5	1.1	1.2	1.0	.8	.5	.5	.2	.3	.1								58	14	2														
70/ 69	.1	.6	1.3	1.0	1.3	1.3	.6	.4	.2	.2								66	66	51	11														
68/ 67		.8	.9	1.8	.5	1.7	.2	.8	.5	.1								68	68	41	37														
66/ 65	.3	2.3	1.2	1.0	1.2	.9	1.1	.6	.5	.1								85	85	52	34														
64/ 63	.2	2.6	.8	.6	1.6	1.1	.6	.4	.5									79	79	76	43														
62/ 61	.4	1.5	1.1	1.0	.9	1.5	.4	.3	.6									72	72	81	67														
60/ 59	.3	1.4	.6	1.1	.6	.9	.4	1.0	.1									60	60	64	73														
58/ 57	.2	1.2	.8	1.1	.8	.5	.5	1.2										58	58	62	44														
56/ 55	.5	1.0	.1	.6	.5	1.1	1.1	.2										54	54	66	48														
54/ 53	.4	.8	.5	.3	1.1	1.0	.9											46	46	78	53														
52/ 51		.4	.3	.6	.9	.9	.8											36	36	53	40														
50/ 49	.1	.5	.2	.3	.2	.6	.2											21	21	45	51														
48/ 47	.5	.4		.9	.6	1.0												32	32	48	56														
46/ 45	.1	.5	.4	.4	.3	.2												19	19	51	34														
44/ 43		.2	.2	.5	.2													11	11	43	29														
42/ 41		.4	.3	.2	.4													13	13	33	39														
40/ 39		.1	.1	.1	.2													5	5	22	29														
38/ 37		.2	.1	.2	.1													6	6	20	33														
36/ 35			.1	.2	.1													4	4	9	30														
34/ 33			.1															1	1	6	33														
32/ 31					.1													1	1	4	38														
30/ 29																				4	28														
28/ 27		.1		.1														2	2	1	16														
26/ 25																				1	17														
24/ 23		.1	.1															2	2	1	12														
22/ 21																				3	6														
20/ 19																					19														
Element (X)	ΣX ³			ΣX ²			ΣX			Σx			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum																≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

MAR
MONTH

0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18 / 17																					2
16 / 15																					1
14 / 13																					2
6 / 5																					2
4 / 3																					1
TOTAL	3.3	16.7	11.4	16.6	14.9	15.8	8.8	7.0	3.3	1.5	.4	.2							930		930
																		930		930	
																			</		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03050 FT RUCKER AL

69-70, 73-80

MAR

PAGE 1 1200-1400

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
88/ 87										.1	.1		.1					3	3			
86/ 85								.1	.3	.3	.2							9	9			
84/ 83							.2	.2	.1	.3		.5						13	13			
82/ 81					.1	.4	1.1	1.1	.4	.5	.4		.1					39	39			
80/ 79				.1	.2	1.2	1.0	1.4	.9	.6	.4	.2		.2				58	58			
78/ 77				.4	.9	.5	.4	.8	.9	.4	.2	.1	.1					44	44			
76/ 75			.5	.6	1.2	1.2	1.6	.9	1.0	.4	.6		.1					76	76			
74/ 73			.4	.9	1.1	1.4	.8	.6	1.0	.4	.5	.4						70	70	6		
72/ 71			.6	1.7	1.3	1.4	1.4	1.5	.9	1.0	.5							93	93	24	1	
70/ 69		.1	.8	.8	1.0	.6	1.2	.9	1.3	1.2	.3							75	75	47	13	
68/ 67		.3	.5	.2	.3	1.2	.9	.6	.4	1.5								56	56	55	20	
66/ 65		1.5	.6	.2	.6	.9	1.0	.6	1.3	.9								71	71	74	31	
64/ 63	.1	1.0	.2	.2	1.0	.3	.4	.8	1.1	.3								50	50	99	53	
62/ 61	.4	.8	.5	.1	.5	.3	.5	1.1	1.1									50	50	68	53	
60/ 59	.2	1.0	.2	.1	.6	.4	1.2	.1										36	36	67	59	
58/ 57	.1	1.0	.5	.2	.1	.6	.9	.9	.8									47	47	70	60	
56/ 55	.2	.8	.3	.4	.3	.5	.4	.6										34	34	67	54	
54/ 53	.3	.8	.3	.1	.2	.4	.5	.4										29	29	63	45	
52/ 51		.3	.2		.4		.9											17	17	52	46	
50/ 49	.1	.9	.4	.3	.2		.4											22	22	60	46	
48/ 47		.3	.1	.3	.2	.1	.2											12	12	51	62	
46/ 45	.2		.1		.1	.5	.1											10	10	39	38	
44/ 43	.1				.1	.2	.1											5	5	27	31	
42/ 41			.6															6	6	21	29	
40/ 39				.1		.1												2	2	12	25	
38/ 37																				15	41	
36/ 35																				5	25	
34/ 33																				3	31	
32/ 31		.1																	1	1	40	
30/ 29		.1	.1																2	2	41	
28/ 27																					1	20
26/ 25																				1	14	
24/ 23																						14
22/ 21																						14
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F	
Dry Bulb																						
Wet Bulb																						
Dew Point																						

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

MAR

MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb		Dew Point															
90/ 89												.1						1	1																	
88/ 87													.1					1	1																	
86/ 85									.2	.4	.2			.1				9	9																	
84/ 83								.1	.5	.3		.3	.1	.1				14	14																	
82/ 81						1.1	.2	.4	.8	.4	.2	.6						35	35																	
80/ 79					.9	.9	1.2	1.0	1.0	.5	.3	.1	.2	.1				57	57																	
78/ 77				.5	.9	.5	1.1	.8	1.2	.6	.2	.4	.1					59	59																	
76/ 75			.2	.6	1.3	.8	1.7	1.3	.9	.8	.9	.1						72	72																	
74/ 73			.5	1.1	.8	1.5	1.8	1.4	1.1	1.2	1.0	.3						99	99	1																
72/ 71			.6	.4	1.1	.8	1.7	1.0	.9	.9	.9							75	75	31																
70/ 69			1.0	.6	.5	.3	.8	1.5	.9	1.2	.4							67	67	44	7															
68/ 67		.4	1.1	.5	.1	.5	.5	1.0	.8	1.4	.1							60	60	50	29															
66/ 65	.1	1.3	.6	.3	1.1	.3	.4	1.1	.8	1.6								71	71	69	34															
64/ 63	.3	1.3	.4	.1	.1	.3	.3	.8	1.4	.2								49	49	94	58															
62/ 61	.3	1.5	.8		.3	.5	.1	.9	.3									44	44	82	43															
60/ 59	.5	.4	.1		.3	.1	.9	.2	1.2	1.2								46	46	86	60															
58/ 57	.1	.8	.4	.2	.5	.2	.4	1.0	.9									42	42	57	50															
56/ 55	.5	.1	.9	.4	.2	.4	.1	.2	.1									29	29	70	56															
54/ 53	.2	.3	.1	.2	.2	.2	1.0	.6										27	27	56	40															
52/ 51	.3	.4			.4		.3	.1										15	15	63	54															
50/ 49	.3	1.2	.1	.3	.1	.1	.3	.1										24	24	69	54															
48/ 47		.5			.3		.5											13	13	41	43															
46/ 45		.1			.1	.2	.1											5	5	30	40															
44/ 43	.3	.1			.3													7	7	32	34															
42/ 41			.3	.1														4	4	20	32															
40/ 39		.2																2	2	12	36															
38/ 37																				15	42															
36/ 35																				4	28															
34/ 33																					1	26														
32/ 31		.1		.2														3	3		41															
30/ 29																					1	29														
28/ 27																						28														
26/ 25																				2	15															
24/ 23																						11														
Element (X)	Σ X'			Σ X			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ		
Rel. Hum																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL

69-70, 73-80

MAR
MONTH

PAGE 2

1500-1700

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
82/ 81									.1									1		1				
80/ 79							.1	.1	.1									3		3				
78/ 77				.1	.2	.1	.2	.3										9		9				
76/ 75			.1	1.5	.5	.4	.2	.3	.2	.1		.1						33		33				
74/ 73		.4	.8	1.1	.5	.6	.5	.4	.1	.3	.1							46		46				
72/ 71		.6	1.6	.5	1.0	.5	1.0	.4	.4		.1							58		58	16			
70/ 69	.1	.5	1.8	1.3	1.0	1.5	.4	.5	.4									71		71	31			
68/ 67		.5	2.9	1.1	1.4	1.1	1.0	.9		.2								84		84	32			
66/ 65		1.9	1.3	.9	1.6	.6	1.6	.9	.5	.1								88		88	54			
64/ 63		2.6	1.0	1.8	.6	1.3	1.7	.3	.4									91		91	70			
62/ 61	1.1	1.1	.8	.8	1.0	1.5	1.1	.9	.4									79		79	87			
60/ 59	1.3	1.9	.8	.8	.4	1.1	1.1	1.1										78		78	82			
58/ 57	.2	.9	.8	.2	1.0	1.2	1.0	.1										49		49	77			
56/ 55	.6	.3	.4	.2	1.3	1.0	.9	.2										46		46	59			
54/ 53		.9	.2	.8	.4	1.2	.4	.2										38		38	68			
52/ 51	.3	.6	.2	.2	.5	1.1	.6											34		34	50			
50/ 49	.5	.9	.4	.6	.5	.8	.2											36		36	64			
48/ 47	.1	.8		.8	.2	.5	.1											23		23	62			
46/ 45	.2	.5		.3	.6	.4												20		20	45			
44/ 43	.1	.2	.3		.6	.2												14		14	33			
42/ 41	.1		.2	.3	.4													10		10	30			
40/ 39		.8	.2	.1	.1													11		11	20			
38/ 37		.1		.2	.2													5		5	25			
36/ 35																					10			
34/ 33																					8			
32/ 31																					4			
30/ 29				.1														1		1	24			
28/ 27				.2														2		2	15			
26/ 25																					18			
24/ 23																					7			
22/ 21																					11			
20/ 19																					6			
18/ 17																					5			
16/ 15																					2			
Element (X)	ΣX^2			ΣX			\bar{X}	σ^2	No. Obs.			Mean No. of Hours with Temperature												
Rel. Hum.												$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

MAR
MONTH

1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

C3850 FT RUCKER AL

69-70,73-80

MAR

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. - W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73		.4	.6	1.0														19	19					
72/ 71		1.2	.9	.1	.3		.1		.1									25	25	9	1			
70/ 69	.4	1.1	1.2	.3	.2		.2											32	32	20	19			
68/ 67	.1	2.4	1.7	.9	.6	.3												56	56	30	19			
66/ 65	.1	2.6	2.0	.9	.3	.2	.2	.1	.1									61	61	43	37			
64/ 63	.4	3.1	1.7	1.8	1.3	.4	.2											84	84	52	47			
62/ 61	1.2	3.3	1.4	1.4	.9	1.0	.5											90	90	67	45			
60/ 59	1.8	3.4	1.5	1.3	1.1	1.6	.2											102	102	75	70			
58/ 57	.3	1.8	1.5	1.1	1.1	1.2	.3											68	68	88	59			
56/ 55	.8	1.5	.8	.6	1.5	1.2	.5	.1										65	65	59	61			
54/ 53	.3	2.0	.8	1.7	1.5	1.1	.2											71	71	56	41			
52/ 51	.2	1.5	1.0	1.0	.9	.8												49	49	64	57			
50/ 49	.9	1.2	1.0	1.5	.9	.6												56	56	65	57			
48/ 47	.1	.8	.2	1.6	.9	.3												36	36	57	39			
46/ 45		1.0	.9	.2	.3													22	22	58	23			
44/ 43	.1	.8	.6	1.0	.2													25	25	49	38			
42/ 41		.3	.9	.6	.6													23	23	37	58			
40/ 39		.4	.6	.6	.1													17	17	26	40			
38/ 37		.5	.4	.3														12	12	22	41			
36/ 35		.1		.4														7	7	23	46			
34/ 33		.1		.3														4	4	14	21			
32/ 31		.2	.1															3	3	5	35			
30/ 29																				7	23			
28/ 27																				1	19			
26/ 25				.2														2	2		6			
24/ 23			.1															1	1		10			
22/ 21																				1	8			
20/ 19																				2	6			
18/ 17																					1			
16/ 15																					2			
TOTAL	6.8	30.0	19.9	18.9	12.7	8.7	2.6	.2	.2									930		930		930		
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel Hum	5464002		69394		74.6		17.546		930		± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total							
Dry Bulb	3115606		53186		57.2		8.921		930			.6	13.2	1.9			93							
Wet Bulb	2687655		49197		52.9		9.573		930			1.6	5.9				93							
Dew Point	2335655		45177		48.6		12.323		930			11.1	3.9				93							

USAFETAC FORM 44 0-26-5 (OLA) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

03850	FT RUCKER AL
STATION	STATION NAME

69-70, 73-80

MAR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
90/ 89											.0							1	1					
88/ 87										.0		.0	.0					4	4					
86/ 85									.0	.1	.1	.1	.0					19	19					
84/ 83								.0	.0	.1	.1	.1	.0	.0				28	28					
82/ 81					.0	.2	.2	.2	.2	.1	.1	.1	.0					80	80					
80/ 79				.0	.1	.3	.3	.3	.3	.1	.1	.0	.0	.0				132	132					
78/ 77				.2	.3	.2	.3	.2	.3	.2	.1	.1	.0					139	139					
76/ 75			.2	.6	.5	.4	.3	.3	.3	.2	.2	.0	.0					220	220					
74/ 73		.2	.5	.7	.4	.6	.4	.4	.3	.3	.2	.1						298	298	8				
72/ 71		.5	1.2	.9	.5	.4	.6	.4	.3	.3	.2							357	357	104				
70/ 69	.1	1.0	1.4	.9	.5	.5	.4	.4	.3	.3	.1							412	412	239				
68/ 67	.2	1.2	1.4	.6	.4	.6	.3	.4	.2	.4	.0							427	427	315				
66/ 65	.2	2.3	1.0	.9	.6	.4	.5	.4	.4	.3								493	493	386				
64/ 63	.4	2.7	.7	.8	.6	.9	.4	.3	.4	.1								513	513	550				
62/ 61	.9	2.9	.8	.6	.5	.6	.3	.4	.3									515	515	542				
60/ 59	1.5	2.2	.8	.7	.4	.8	.3	.6	.2									557	557	583				
58/ 57	.5	1.6	.9	.6	.6	.9	.4	.4	.2									419	419	503				
56/ 55	.6	1.5	1.0	.7	.7	.6	.4	.2	.7									415	415	453				
54/ 53	.6	1.5	.9	.8	.7	.6	.4	.2										409	409	486				
52/ 51	.4	1.5	1.0	.7	.7	.4	.3	.0										376	376	457				
50/ 49	.6	1.3	.9	.7	.9	.3	.2	.0										339	339	502				
48/ 47	.3	1.0	.3	.9	.5	.4	.1											263	263	426				
46/ 45	.4	1.0	.8	.6	.3	.2	.0											249	249	391				
44/ 43	.3	.9	.5	.7	.2	.1												193	193	342				
42/ 41	.1	.6	.9	.9	.2													168	168	308				
40/ 39	.1	.6	.6	.2	.1	.0												126	126	238				
38/ 37	.0	.6	.3	.2	.0													94	94	215				
36/ 35	.1	.3	.3	.2	.7													63	63	139				
34/ 33	.1	.1	.2	.1														41	41	79				
32/ 31	.1	.2	.2	.1	.0													41	41	62				
30/ 29	.0	.1	.1	.0														15	15	43				
28/ 27		.1	.7	.0														10	10	28				
26/ 25		.1	.0	.0														7	7	14				
24/ 23		.0	.0															4	4	7				
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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YEARS

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03850	FT RUCKER AL
STATION	STATION NAME

69-70, 73-80

YEARS

APR
MONTH

PAGE 1 0000-0200

0000-0200
HOURS (L. & T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

0300-0500
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
86/ 85						.1		.2		.3	.1							7	7						
84/ 83						.4	.1	.2	.2	.3	.1							13	13						
82/ 81					.8	.8	.7	.2	.6	.2	.1	.2						32	32						
80/ 79				.7	1.0	1.4	.6	1.7	1.2	.7	.3	.1						69	69						
78/ 77			.4	1.0	1.8	1.8	1.8	1.7	1.1	.2	.4							92	92						
76/ 75		.2	.2	1.4	2.0	2.1	1.8	.9	.9	1.0	.2							97	97	4					
74/ 73		.2	.9	2.1	.8	2.2	1.3	.8	.7	.8	.1							89	89	31	4				
72/ 71		.3	2.0	1.9	1.7	.8	2.0	.7	.3	1.0								96	96	39	13				
70/ 69	.1	.4	1.6	.6	1.1	1.0	.8	1.4	.7	.7	.1							76	76	64	34				
68/ 67	.3	.7	1.2	.7	.3	1.7	1.2	1.2	1.0	.4								79	79	93	40				
66/ 65	.6	1.1	.8	.6	.9	1.0	.9	1.8	.3	.1								72	72	115	73				
64/ 63	.3	1.0	.6	.6	.7	1.0	1.0	1.0	.2									57	57	95	72				
62/ 61	.1	.6	.1	.2	.7	1.2	.8	.3	.1									37	37	84	59				
60/ 59	.2	.7	.2	.4	.7	1.0	.3	.4	.1									37	37	64	64				
58/ 57	.1	.2		.2	.3	.4	.1	.4										17	17	70	70				
56/ 55				.1	.4	.3	.1	.3										12	12	47	50				
54/ 53		.2				.1	.6											8	8	62	53				
52/ 51		.1		.2	.1	.1	.2											7	7	55	45				
50/ 49					.2	.1												3	3	33	42				
48/ 47																				15	30				
46/ 45																				10	43				
44/ 43																				9	35				
42/ 41																				8	32				
40/ 39																				2	31				
38/ 37																					46				
36/ 35																					19				
34/ 33																					12				
32/ 31																					7				
30/ 29																					8				
28/ 27																					7				
26/ 25																					5				
24/ 23																					5				
22/ 21																					1				
Element (X)	Σ X ²			Σ X		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum												± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

APR
MONTH

0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0385C FT RUCKER AL STATION NAME

69-70, 73-80 YEARS

APR MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89									.1	.1		.1	.1					4	4			
88/ 87							.1	.7	.3		.2	.1	.2					15	15			
86/ 85							.6	1.3	.3	.8	1.0	.6	.3	.2				46	46			
84/ 83						.7	2.7	1.4	1.2	2.4	1.4	.8	.3	.1				100	100			
82/ 81					.1	1.1	2.1	1.8	2.1	2.2	1.9	.8	.2					111	111			
80/ 79			.2		1.1	1.7	2.4	1.8	2.4	1.4	2.0	1.0	.1					128	128			
78/ 77			.3	.3	.6	.9	.9	1.4	1.6	1.2	1.3	.2						79	79			
76/ 75		.1		1.2	1.0	.6	.4	.9	1.2	1.4	1.0	.3						74	74	4		
74/ 73		.1	.4	.9	.3	.3	.7	1.4	.8	2.1	1.0							73	73	38	2	
72/ 71			.7	.7	.1	.2	1.0	.9	1.6	1.4	.7							65	65	65	6	
70/ 69			.3	.8		.1	.6	.8	1.3	.9	.1							44	44	76	19	
68/ 67	.4	.6	.4		.3	.8	.7	.6	1.4	.3								50	50	97	49	
66/ 65	.6	.9	.3	.2	.2	.3	.3	.8	.3	.3								39	39	119	78	
64/ 63		.8	.2	.2		.8	.1	.7	.6	.3								33	33	84	68	
62/ 61	.2	.2			.1	.1	.2	.1	.8									16	16	74	51	
60/ 59	.2	.2	.2		.2	.2		.1	.1									12	12	90	35	
58/ 57							.1	.2										3	3	67	45	
56/ 55					.1	.1	.1											3	3	66	54	
54/ 53		.3				.1												4	4	45	59	
52/ 51					.1													1	1	33	56	
50/ 49																				17	53	
48/ 47																				11	29	
46/ 45																				11	57	
44/ 43																				3	38	
42/ 41																					45	
40/ 39																					40	
38/ 37																					42	
36/ 35																					26	
34/ 33																					11	
32/ 31																					11	
30/ 29																					8	
28/ 27																					11	
26/ 25																					5	
24/ 23																					2	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

1200-1400

3200 210
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL
STATION

69-70, 73-80
YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point			
90/ 89									.2			.1	.1					4		4					
88/ 87								.3	.4		.3	.6						15		15					
86/ 85						.1	.4	1.2	.8	.9	2.0	2.4	1.1	.7	.8	.2		41		41					
84/ 83					.1	.2	1.7	1.0	2.0	1.4	2.2	2.2	.9	.6	.2			91		91					
82/ 81					.4	1.2	1.6	2.0	2.4	1.7	3.0	.9	.6					124		124					
80/ 79				.1	.2	1.7	1.0	2.0	1.4	2.2	2.2	.9	.2					108		108					
78/ 77				.4	1.0	1.0	1.7	1.0	1.3	1.4	1.0	.6						85		85					
76/ 75		.1	.1	.8	.7	.8	.8	1.1	1.3	2.9	1.9	.6						99		99		2			
74/ 73			.4	1.0	1.1	.4	.2	.4	2.0	1.4	1.7	.1						80		80		23			
72/ 71		.3	.9	.4	.4	.2	.3	1.1	.7	.9	.7	.1						55		55		46		4	
70/ 69	.1	1.2	.9	.1	.1	.3	.4	.4	1.0	.7	.2							50		50		74		23	
68/ 67	.7	1.2	.6			.2	.7	.7	.7	1.1								52		52		101		43	
66/ 65	.3	.8				.3	.8	.7	.3	.4								33		33		120		69	
64/ 63	.1	.7	.4				.2	.1	.6	.2								21		21		113		53	
62/ 61	.1	.7	.2	.1	.2	.1	.1	.2	.7									22		22		73		58	
60/ 59	.2	.1			.2	.1		.3										9		9		91		41	
58/ 57		.2		.1		.2												5		5		85		39	
56/ 55					.1	.2												3		3		60		55	
54/ 53		.1																1		1		41		47	
52/ 51	.2																	2		2		29		47	
50/ 49																						18		63	
48/ 47																						16		48	
46/ 45																					8			54	
44/ 43																								54	
42/ 41																								39	
40/ 39																								37	
38/ 37																								37	
36/ 35																								25	
34/ 33																								20	
32/ 31																								17	
30/ 29																								14	
28/ 27																								8	
26/ 25																								3	
24/ 23																								2	
Element (X)	Σ x ²					Σ x					Σ					Σ					No. Obs.				
Rel. Hum.																					Mean No. of Hours with Temperature				
Dry Bulb																≥ 0 F					≥ 32 F				
Wet Bulb																≥ 67 F					≥ 73 F				
Dew Point																≥ 80 F					≥ 93 F				
																					Total				

USAFETAC FORM 0-26-5 (OL A) 8-70 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

APR

MONTH

PAGE 2

1500-1700

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		Dry Bulb	Wet Bulb	Dew Point
86/ 85								.1			.1						2	2		
84/ 83						.1											1	1		
82/ 81					.1	.1			.7	.3	.1	.1					13	13		
80/ 79					.7	.2	.2	1.0	.2	.4	.3						28	28		
78/ 77				.9	1.3	.9	.8	.2	1.0	1.1		.1					57	57		
76/ 75			.9	1.2	.2	1.7	2.1	1.4	1.1	.1							79	79		
74/ 73			1.0	1.6	1.7	1.3	1.1	2.0	1.0	.4	.1						92	92	6	
72/ 71		.3	1.8	1.9	2.2	1.3	1.8	2.3	1.2	.7							122	122	30	2
70/ 69		1.3	2.6	1.1	.9	1.7	2.2	.9	.9	.3							107	107	39	30
68/ 67	.6	1.8	.9	.9	1.1	1.6	1.8	1.2	1.0	.1							98	98	66	32
66/ 65	1.0	2.2	.4	.8	.9	1.8	1.9	1.0	.4								94	94	129	74
64/ 63	.4	1.3	.7	.2	.8	1.9	1.3	.9	.1								69	69	96	60
62/ 61	.1	.2	.2	.4	1.2	1.0	1.1	.3									42	42	77	55
60/ 59	.3	.7		.7	.4	.4	.3	.6									31	31	95	57
58/ 57	.1	.3		.7	.4	.8	.6	.1									27	27	88	57
56/ 55		.3	.2		.2	.4	.2										13	13	74	51
54/ 53		.4			.7	.4	.1										15	15	73	38
52/ 51					.3	.2	.1										6	6	55	54
50/ 49					.3												3	3	23	65
48/ 47																			15	67
46/ 45				.1													1	1	19	56
44/ 43																			8	45
42/ 41																			6	34
40/ 39																			1	32
38/ 37																				31
36/ 35																				24
34/ 33																				10
32/ 31																				14
30/ 29																				9
26/ 25																				2
24/ 23																				1
TOTAL	2.6	9.0	8.7	10.4	13.6	15.9	15.6	12.1	7.7	3.6	.8	.2					900	900	900	
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	3471146		53120		59.0		19.329		900		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F	
Dry Bulb	4308702		62004		68.9		6.419		900				59.9		27.2		2.5		90	
Wet Bulb	3273389		53947		59.9		6.649		900				14.1		.6				90	
Dew Point	2594051		47431		52.7		10.246		900		2.6		6.4						90	

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

03850
STATIC

FT RUCKER AL

69-70, 73-80

APR

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L, S, T, I)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (P)																				TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point										
90/ 89									.0	.0		.0	.0					8												
88/ 87							.0	.1	.1		.1	.1	.0					30												
86/ 85						.0	.1	.3	.1	.2	.3	.2	.1	.1				96												
84/ 83					.0	.2	.5	.3	.3	.6	.5	.2	.2	.0				205												
82/ 81					.2	.4	.5	.5	.7	.6	.6	.3	.1					280												
80/ 79			.0	.1	.4	.6	.5	.8	.7	.6	.6	.3	.0					333												
78/ 77			.1	.3	.6	.6	.6	.5	.6	.5	.3	.1						316												
76/ 75		.1	.3	.7	.5	.6	.6	.5	.6	.7	.4	.1						371												
74/ 73	.1	.5	.9	.8	.5	.6	.4	.6	.6	.6	.4	.0						429												
72/ 71	.3	1.0	1.1	.8	.8	.4	.7	.7	.5	.5	.2	.0						496												
70/ 69	.5	1.4	1.7	.7	.6	.5	.6	.4	.5	.3	.1							519												
68/ 67	.9	1.8	1.5	.8	.5	.7	.6	.5	.5	.3								578												
66/ 65	1.2	2.0	1.0	1.1	.7	.7	.7	.5	.2	.1								597												
64/ 63	.8	2.1	1.3	.9	.8	.8	.5	.3	.2	.1								553												
62/ 61	.8	1.5	1.1	1.1	.8	.5	.4	.1	.2									475												
60/ 59	.7	1.3	1.3	.9	.7	.5	.1	.2	.0									409												
58/ 57	.5	1.1	1.3	.9	.8	.4	.2	.1										367												
56/ 55	.5	1.2	1.0	.9	.6	.3	.1	.0										306												
54/ 53	.1	.9	1.0	.8	.4	.2	.1											251												
52/ 51	.1	.7	.6	.6	.3	.1	.0											182												
50/ 49	.1	.4	.8	.5	.2	.1												146												
48/ 47	.0	.4	.5	.3	.1	.0												101												
46/ 45	.0	.4	.4	.2	.0													76												
44/ 43	.0	.1	.3	.1	.0													37												
42/ 41	.0	.1	.1	.1														22												
40/ 39		.1	.0	.0														9												
38/ 37		.0	.0															5												
36/ 35		.0																3												
34/ 33																														
32/ 31																														
30/ 29																														
28/ 27																														
26/ 25																														
24/ 23																														
Element (X)	Σ X					Σ X					Σ X					Σ X					Σ X					Σ X				
Rel. Hum																														
Dry Bulb																														
Wet Bulb																														
Dew Point																														

USAFETAC FORM 0-26-S (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY

MONTH

0000-0200

HOURS (L, S, T.)

[illegible]

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0600-0800
09435 (L. 9. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL
STATION STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/ 93						.1												1	1			
92/ 91							.1		.2	.2								5	5			
90/ 89								.1	.8	.2	.2	.3						15	15			
88/ 87						.1	.4	1.2	1.1	.8	.2							35	35			
86/ 85						1.0	1.6	2.0	.8	.6	.2	.1						59	59			
84/ 83				.2	.1	2.2	3.1	1.5	.8	.9	.2							83	83	1		
82/ 81				.8	1.8	3.2	2.4	1.6	.8	.4	.3	.1						108	108			
80/ 79			.5	2.9	2.9	3.3	2.5	1.2	.8	.4	.3							138	138	1	1	
78/ 77		.3	.8	1.8	4.1	1.9	1.3	.6	1.1	.3	.2							116	116	4		
76/ 75		.3	2.6	2.3	1.5	1.5	1.0	1.4	.5	.4	.1							108	108	49	5	
74/ 73	.2	1.1	1.2	2.0	1.3	.6	.8	.0	.2	.2	.2							79	79	134	24	
72/ 71		.9	2.7	.9	.4	.5	.4	.4	.3	.4								65	65	178	54	
70/ 69	.3	1.1	1.6	.2	.5	.4	.4	.2	.2	.1								48	48	162	110	
68/ 67	.1	1.2	.6	.4	.4	.3	.1	.1	.3	.1								35	35	131	156	
66/ 65	.1	.3	.1	.4	.2		.1	.1										13	13	81	127	
64/ 63	.1	.5	.5	.1		.1	.1											14	14	52	108	
62/ 61		.3	.2															5	5	53	62	
60/ 59		.1	.1			.1												3	3	37	74	
58/ 57																				22	43	
56/ 55																				11	32	
54/ 53																				8	22	
52/ 51																				5	36	
50/ 49																				1	18	
48/ 47																					13	
46/ 45																					14	
44/ 43																					9	
42/ 41																					3	
40/ 39																					8	
38/ 37																					7	
36/ 35																					2	
34/ 33																					1	
32/ 31																					1	
TOTAL	.9	6.1	11.0	12.0	13.3	15.5	14.3	11.4	7.7	5.2	2.0	.5						930	930	930	930	
Element (X)	Σ X ¹		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	3843269		57741		62.1		16.674		930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	5643366		72234		77.7		5.949		930				89.5	74.7	38.0	.1	93					
Wet Bulb	4364706		63536		68.3		5.087		930				66.0	18.9	.2		93					
Dew Point	3712729		58329		62.7		7.685		930			.1	35.0	3.0			93					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

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STATION NAME

YEARS

MONTH

1200-1400

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) revised previous editions of this form are obsolete JUL 64

PSYCHROMETRIC SUMMARY

MAY

MONTH

1500-1700

HOURS (L, S, T.)

[illegible]

2

1

MAY
MONTH

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USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>03850</u>	<u>FT RUCKER AL</u>
STATION	STATION NAME

69-70, 73-80

MAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

ALL
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY

MONTH

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

JUN
MONTH

0000-0200

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

03850
STATIC

FT RUCKER AL

69-70, 73-80

JUN

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

YEARS

MONTH

PAGE 1

0600-0800
HOURS (L. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL
STATION STATION NAME

69-70, 73-80

YEARS

PAGE 1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL STATION NAME

69-70, 73-80 YEARS

JUN MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
102/101											.1	.1		.2				4	4						
100/ 99											.3			.2	.3			8	8						
98/ 97									.2	.3	.2	.2	.2	.2				13	13						
96/ 95									.6	2.2	1.0	.9	.1	.1				44	44						
94/ 93							.1	.9	1.4	1.9	1.0	.6	.6	.1				59	59						
92/ 91						.2	.9	2.1	3.1	2.8	1.0	.3	.1	.4				99	99						
90/ 89						.4	2.3	5.6	2.8	2.0	1.6	.6	.1					138	138						
88/ 87					.4	1.9	4.3	4.8	3.2	.7	.8	.3	.3	.1				152	152						
86/ 85				.1	.7	2.2	5.1	3.3	1.0	1.2	.1	.4	.2					130	130						
84/ 83			.1	.7	1.0	1.7	1.9	2.2	1.3	.4	.2	.2						88	88						
82/ 81			.2	.3	.9	1.1	.4	1.0	1.1	.3	.4	.1						54	54	8					
80/ 79			.2	1.0	.9	.3	.6	.2										29	29	57					
78/ 77	.1	.1	.7	.4	.6	.2	.2											21	21	124	9				
76/ 75	.2	.1	1.4	.4	.1	.3		.1	.1									26	26	197	44				
74/ 73	.1	.7	.7	.6				.1										19	19	199	63				
72/ 71		.3	.6	.1														9	9	135	108				
70/ 69		.4																4	4	65	182				
68/ 67	.1																	1	1	62	142				
66/ 65	.2																	2	2	28	99				
64/ 63																				17	72				
62/ 61																				6	43				
60/ 59																				2	40				
58/ 57																					42				
56/ 55																					14				
54/ 53																					9				
52/ 51																					9				
50/ 49																					12				
48/ 47																					4				
46/ 45																					5				
44/ 43																					3				
TOTAL	.8	1.7	3.9	3.7	4.6	8.1	15.7	20.7	14.9	12.1	6.8	3.8	1.9	1.6				900	900		900				
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel Hum	2677699		47363		52.6		14.353		900		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F				
Dry Bulb	6821805		78183		86.9		5.781		900						89.8		88.4		80.8		12.8				
Wet Bulb	4861148		66052		73.4		3.878		900						84.7		58.5		1.9						
Dew Point	4026124		59948		66.6		6.064		900						54.8		11.6								

FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
102/101														.2					2	2				
100/ 99											.1	.2	.2	.2					7	7				
98/ 97										.2	.6	.1	.6	.2					15	15				
96/ 95									.3	1.0	.9	.8	.3	.1					31	31				
94/ 93							.1	1.3	1.7	1.4	.7	.6	.7	.1					59	59				
92/ 91							.3	1.6	2.4	1.8	1.8	1.3	.7	.3					92	92				
90/ 89						.4	1.2	4.8	1.9	3.0	1.4	.1	.2	.2					120	120				
88/ 87					.3	1.2	2.8	3.1	3.7	1.7	1.0	.1	.3						128	128				
86/ 85				.4	.4	2.1	2.2	3.4	2.1	.9	.9	.7	.3						122	122				
84/ 83				.3	2.1	1.6	1.8	.7	1.2	.8	.4	.3							83	83				
82/ 81			.3	.7	2.2	.6	.6	.7	.6	.2									52	52	3			
80/ 79			.4	1.3	1.7	.4	.2	.8	.1	.2									47	47	48			
78/ 77		.2	.4	1.8	.8	.1	.1	.1	.2	.1									35	35	86	6		
76/ 75	.3	.8	2.0	1.7	.4	.2			.1										50	50	174	31		
74/ 73		.9	2.0	.7	.1	.1													34	34	188	63		
72/ 71		.7	.7	.1															13	13	174	117		
70/ 69	.2	.3	.2																7	7	112	168		
68/ 67	.2		.1																3	3	53	135		
66/ 65																					35	88		
64/ 63																					20	81		
62/ 61																					6	47		
60/ 59																					1	58		
58/ 57																						39		
56/ 55																						18		
54/ 53																						12		
52/ 51																						8		
50/ 49																						12		
48/ 47																						11		
46/ 45																						4		
44/ 43																						2		
TOTAL	.8	2.9	6.2	7.0	8.1	6.8	9.3	16.4	14.3	11.3	7.8	4.2	3.3	1.4					900	900	900	900		
																			900		900			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel Hum	2917105		48951		54.4		16.831		900		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F			
Dry Bulb	6648248		77140		85.7		6.371		900						90.0		87.7		74.1		11.4			
Wet Bulb	4778803		65493		72.8		3.785		900						83.8		49.9		1.4					
Dew Point	3972866		59532		66.1		6.242		900						52.0		10.0							

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

1

JUN
MONTH

STATION

STATION NAME

YEARS

MONTH

1800-2000

1000-200
HOURS (L. S. T.)

[illegible]

0.26-5 (OLA)

USAFETAC

2

PSYCHROMETRIC SUMMARY

YEARS

MONTH

2100-230
HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1

JUN

MONTH

ALL

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PSYCHROMETRIC SUMMARY

03850
STATIC

FT RUCKER AL

69-70, 73-80

JUL

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL
MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC

2

3

YEARS

PAGE 1 0900-1100
HOURS (L. S. T.)

USAFETAC

FORM 0-26-5 (OL A)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

2

5

YEARS

JUL
MONTH

1

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

1111

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL
MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

03850

FT RUCKER AL

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

2

1

AUG

YEARS

MONTH

0000-0200

HOURS (L, S, T.)

USAFETAC

PSYCHROMETRIC SUMMARY

03850
STATIC

FT RUCKER AL

69-70, 73-80

AUG

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL

69-70, 73-80

AUG

PAGE 1

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03850
STATIC

FT RUCKER AL

STATION NAME

69-70, 73-80

YEARS

AUG

MONTH

PAGE 1

0900-1100

HOURS (L, S, T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

1500-1700
HOURS (L, S, T.)

[illegible]

2. **THESE ARE THE ONLY TWO**

0-26-5 (OL A)

FORM 1041-10

USAFETAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

PAGE 1

ALL
HOURS (L, S, T,)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
102/ 101												.0		.0						4	4		
100/ 99											.0	.1		.1						13	13		
98/ 97								.0	.0	.0	.1	.1	.0							16	16		
96/ 95								.0	.1	.3	.3	.2	.0	.0						69	69		
94/ 93						.0	.0	.3	.7	.7	.3	.1								158	159		
92/ 91					.0	.1	.6	1.5	1.6	.6	.1	.0								338	338		
90/ 89					.1	.6	1.7	2.6	.7	.3	.1									456	456		
88/ 87				.0	.4	2.0	2.5	.8	.4	.1										464	464		
86/ 85			.1	.5	2.0	2.6	.8	.4	.3	.0	.0									493	493		
84/ 83			.3	1.7	2.5	1.2	.3	.2	.1	.1	.0									483	483	6	
82/ 81		.2	1.2	2.5	1.9	.4	.2	.1	.0	.0										481	481	45	1
80/ 79		.7	3.4	3.0	.8	.4	.1	.1												634	634	327	38
78/ 77	.1	2.6	5.4	2.3	.4	.1	.1	.0												829	829	1128	184
76/ 75	.9	5.6	6.3	1.4	.2	.1	.0	.0												1082	1082	1731	766
74/ 73	1.9	6.2	5.3	.7	.2	.1	.0													1075	1075	1722	1624
72/ 71	1.0	3.8	2.4	.3	.0	.0	.0													561	561	1311	1840
70/ 69	.2	1.0	1.0	.2	.1	.0														187	187	716	1548
68/ 67	.1	.2	.4	.1	.1															61	61	251	697
66/ 65		.2	.1	.1																26	26	100	308
64/ 63		.0	.1	.0																8	8	56	180
62/ 61																						33	118
60/ 59																						12	76
58/ 57																							16
56/ 55																							29
54/ 53																							13
TOTAL	4.2	20.6	25.9	12.8	8.8	7.6	6.5	6.0	4.0	2.0	.9	.5	.1	.1	.0					7438		7438	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point													
80/ 79		.3	.1	.1														5	5														
78/ 77	.2	4.3	1.4	.7	.1													61	61												10	6	
76/ 75	1.8	7.2	6.4	1.7	.9	.2												164	164												74	49	
74/ 73	2.7	8.6	11.3	3.0	.2	.1												233	233												144	110	
72/ 71	2.4	10.6	5.9	1.0	.1													180	180												188	152	
70/ 69	.9	5.1	3.1	.7	.2													90	90												191	189	
68/ 67	.7	2.0	2.2	.9	.2													54	54												103	124	
66/ 65	.3	1.4	1.3	.8	.1													36	36												46	83	
64/ 63		1.6	.9	.8	.2													31	31												45	46	
62/ 61		.4	.7	.2														12	12												31	34	
60/ 59		.8	.3															10	10												20	32	
58/ 57		.4	.2	.2	.2													10	10												23	18	
56/ 55		.6	.1															6	6												6	21	
54/ 53		.4		.1														5	5												8	12	
52/ 51		.2																2	2												7	15	
50/ 49		.1																1	1												4	1	
48/ 47																																	5
46/ 45																																	2
44/ 43																																	1
TOTAL	9.0	44.1	34.1	10.1	2.3	.3												900													900		900

PSYCHROMETRIC SUMMARY

SEP

MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850

FT RUCKER AL

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
86/ 85							.1	.1										2	2																
84/ 83			.1	.2	.1		.1											5	5																
82/ 81		.1	1.1	1.0	.3	.1												24	24																
80/ 79	.1	1.1	1.1	2.9	.6	.3	.1											56	56	8	3														
78/ 77	.4	3.3	3.2	2.0	.7													87	87	34	24														
76/ 75	1.6	4.1	5.6	2.1	.3	.1												124	124	85	59														
74/ 73	2.4	7.8	6.5	.9	.1													159	159	135	91														
72/ 71	2.8	9.3	4.7	.7	.1	.1												159	159	192	174														
70/ 69	2.6	4.8	4.0	.9	.4	.1												115	115	167	185														
68/ 67	.6	2.8	2.1	.3	.4	.2												58	58	77	112														
66/ 65	.2	1.7	1.1	.4	.1	.1												33	33	64	63														
64/ 63	.3	.9	1.0	.3	.6													28	28	42	52														
62/ 61		.4	.7	.5	.1													16	16	24	32														
60/ 59		.6	.2	.2														9	9	18	20														
58/ 57		.7	.1	.2														9	9	24	22														
56/ 55		.2	.2	.2														6	6	13	15														
54/ 53		.3		.1														4	4	5	16														
52/ 51		.3																3	3	8	12														
50/ 49		.1																1	1	5	11														
48/ 47		.1																1	1		2														
46/ 45																					5														
44/ 43																					1														
TOTAL	11.0	38.7	31.7	13.1	3.9	1.0	.4	.1										899	899	899	899														

USAFETAC FORM 14 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

C3850	FT RUCKER AL
STATION	STATION NAME

69-70, 73-80

YEARS

SEP
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
100/ 99												.1						1	1						
98/ 97										.1	.1	.1						9	9						
96/ 95										.3	.6	.8			.1			16	16						
94/ 93							.1	.8	1.2	1.2	1.0	.8	.1	.1				48	48						
92/ 91							.8	3.1	3.2	2.3	.7	.1						92	92						
90/ 89						.7	4.9	6.9	2.3	.8								140	140						
88/ 87				.1		3.4	5.4	3.6	1.6	.8	.1							135	135						
86/ 85				.6	1.8	3.6	2.2	2.1	.4	.9	.1							105	105						
84/ 83			.2	1.2	2.1	2.9	1.7	.4	.7	.8								90	90						
82/ 81		.1	.3	1.1	1.3	.8	1.3	.6	.8	.1	.1							59	59	7					
80/ 79		.7	1.1	1.2	.7	.7	.1	.4	.1	.1								46	46	51	5				
78/ 77	.1	1.0	.9	.7	.4	.1	.4	.9	.4	.2								47	47	190	14				
76/ 75		.8	1.1	.4	.2	.4		.6	.3									35	35	223	66				
74/ 73		.8	.4	.4	1.0		.1	.1										26	26	174	109				
72/ 71		.9	.4	.1	.2	.1												16	16	82	156				
70/ 69		.7	.4	.2														12	12	53	165				
68/ 67	.2	.7		.1														9	9	38	116				
66/ 65		.2	.1		.1													4	4	37	87				
64/ 63		.2			.3													5	5	18	39				
62/ 61			.3		.2													5	5	17	46				
60/ 59																				1	19				
58/ 57																				6	28				
56/ 55																				3	18				
54/ 53																					8				
52/ 51																					6				
50/ 49																					14				
48/ 47																					4				
TOTAL	.3	6.0	5.4	6.2	8.4	12.7	17.1	19.4	11.1	7.7	2.7	1.9	.1	.9					900		900				
																		900		900					
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel Hum	3323008		52980		58.9		15.073		900		± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	90								
Dry Bulb	6522731		76379		84.9		6.735		900				88.6	84.9	72.2	7.4	90								
Wet Bulb	4891284		66228		73.6		4.448		900				81.8	64.5	1.3		90								
Dew Point	4203663		61279		68.1		5.902		900				63.1	19.4	.3		90								

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850

FT RUCKER AL

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
100/ 99													.1	.1				2	2				
98/ 97												.1	.1	.1				3	3				
96/ 95										.7	.3	.4		.1				14	14				
94/ 93								.1	1.1	.6	1.2	.7	.6					38	38				
92/ 91								2.9	2.9	1.9	.9	.1						78	78				
90/ 89							1.6	6.3	2.7	.8	.2							104	104				
88/ 87				.1	.3	2.7	3.3	3.4	1.7	.4	.2							110	110				
86/ 85				.3	.9	3.0	3.4	2.0	.4	.4	.3							98	98				
84/ 83			.1	1.3	2.3	2.2	1.8	.4	1.1	.7								90	90				
82/ 81		.4	1.0	1.7	1.8	1.6	.7	.4	.7	.2	.1							77	77	1			
80/ 79		1.1	1.0	2.1	1.3	1.7	.2	.8	.2	.2	.1							79	79	23	1		
78/ 77		1.7	1.4	.8	.8	.2	.3	.3	.7									56	56	158	20		
76/ 75		1.0	1.1	.7	.4	.7	.4	.3	.6									47	47	198	54		
74/ 73		2.2	1.1	.3	.2			.1										36	36	210	72		
72/ 71	.1	1.1	.9	.3	.6	.1	.1											29	29	114	186		
70/ 69	.1	1.1	.1	.1	.1													14	14	61	151		
68/ 67	.3	.6																8	8	46	134		
66/ 65		.2																2	2	40	89		
64/ 63		.1			.1													2	2	15	40		
62/ 61		.6	.1		.2													8	8	19	40		
60/ 59			.2	.3														5	5	6	29		
58/ 57																				3	28		
56/ 55																					5	22	
54/ 53																				1	10		
52/ 51																						4	
50/ 49																						14	
48/ 47																						5	
46/ 45																						1	
TOTAL	.6	10.1	7.1	8.1	9.1	12.1	11.9	17.2	12.0	5.9	3.4	1.3	.8	.3				900	900	900	900		
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel Hum	3643440		55200		61.3		16.935		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	6308293		75079		83.4		7.084		900				88.3	83.2	65.9	5.7	90						
Wet Bulb	4805713		65645		72.9		4.430		900				81.1	59.6	.4		90						
Dew Point	4160532		60958		67.7		5.946		900				61.8	14.7			90						

USAFETAC
FORM 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

●

SEP
MONTH

MONTH

2100-2300

HOURS (L. S. T.)

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

0385C
STATIC

FT RUCKER AL

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. Y.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77	.2	.1																3	3	3	3
74/ 73	.5	.1			.1													7	7	5	5
72/ 71	1.1	1.1	1.5	.8			.1											42	42	16	16
70/ 69	.3	2.5	3.8	.4	.3	.2												70	70	14	7
68/ 67		5.4	2.3	1.2	.1	.1												84	84	61	29
66/ 65	.1	3.7	2.4	1.0	.1	.1												58	68	77	71
64/ 63	.4	4.9	3.1	1.2	.5	.2												97	97	71	67
62/ 61	.2	4.8	2.8	1.1	.2													85	85	82	69
60/ 59	.4	4.6	3.1	1.8	.3													96	96	102	71
58/ 57	.1	4.0	2.7	1.5	.3	.1	.1											82	82	86	85
56/ 55		2.0	1.5	1.5	1.3	.6												64	64	74	75
54/ 53		1.7	2.3	1.0	.8	.1												54	54	48	67
52/ 51	.5	1.5	2.4	1.1	1.1													61	61	51	50
50/ 49		2.2	2.4	1.0	.1													52	52	57	37
48/ 47		1.3	1.5															26	26	75	71
46/ 45		.9	1.2															19	19	45	43
44/ 43		.5	.8															12	12	33	31
42/ 41		.2	.3															5	5	18	39
40/ 39		.1	.2															3	3	7	39
38/ 37																				3	25
36/ 35																				2	16
34/ 33																					9
32/ 31																					4
30/ 29																					1
TOTAL	4.0	41.6	34.0	13.4	5.2	1.5	.2											930	930	930	930

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

OCT

MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

0600-0800

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL 69-70,73-80 OCT
STATION STATION NAME YEARS MONTH
PAGE 1 0900-1100
HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
90/ 89						.1												1	1					
88/ 87						.2												2	2					
86/ 85				.1	.1		.3	.2		.2	.1							10	10					
84/ 83			.1		.1	.4	.9	.3	.6	.1								24	24					
82/ 81				.1	.3	1.3	1.1	.9	.6	.2								42	42					
80/ 79			.3	.8	1.4	2.2	.9	1.3	.6	.3		.1						72	72	4				
78/ 77		.1	.8	.9	3.3	1.8	1.1	1.5	.9	.4	.2							102	102	2	2			
76/ 75		.2	.9	1.2	2.2	1.0	.6	.8	1.0	.1								73	73	8	3			
74/ 73	.2	.2	1.4	1.5	1.2	1.8	1.2	.6	.5	.6								87	87	34	14			
72/ 71	.1	1.1	2.0	.9	1.4	1.4	1.5	.9	.4	.2								92	92	73	16			
70/ 69		1.1	.5	1.3	.8	1.3	1.0	1.0	.9	.1								73	73	97	42			
68/ 67	.2	.8	1.6	.8	1.7	1.4	1.5	1.1	.2	.1								80	80	96	69			
66/ 65	.3	.9	.9	1.7	.9	.8	1.4	.9	.5	.1								77	77	77	72			
64/ 63		.6	.5	1.0	1.1	1.5	.5	.3	.1									53	53	87	72			
62/ 61	.2	1.1	1.0	.5	1.0	.9	.8	.4										54	54	83	66			
60/ 59		.5	.9	.5	1.7	1.3	.3											42	42	79	74			
58/ 57		.2		.2	.5	.3	.5											17	17	67	56			
56/ 55		.1		.3	.2	.4												10	10	62	64			
54/ 53		.1		.1	.3	.4												9	9	58	57			
52/ 51				.3	.2	.1												6	6	37	43			
50/ 49			.1	.1	.2													4	4	28	41			
48/ 47																				16	35			
46/ 45																				14	39			
44/ 43																				5	49			
42/ 41																				3	32			
40/ 39																					24			
38/ 37																					23			
36/ 35																					12			
34/ 33																					11			
32/ 31																					12			
30/ 29																					2			
TOTAL	1.1	7.0	11.0	12.3	17.1	18.6	13.4	10.1	6.5	2.6	.3	.1						930	930		930			
																		930		930				
Element (X)	Σ x²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel Hum	3727394		56744		61.0		16.894		930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	4718019		65873		70.8		7.493		930				65.8	41.3	12.5		93							
Wet Bulb	3646879		57831		62.2		7.389		930				31.4	4.8			93							
Dew Point	2993251		51891		55.8		10.266		930			1.4	14.6	1.9			93							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL

69-70, 73-80

OCT

PAGE 1

1200-1400

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
92/ 91													.1					1	1							
90/ 89						.2	.2			.1		.1	.1					7	7							
88/ 87								.2	.9		.6							16	16							
86/ 85						.1	.6	2.7	.9	1.3	.4							56	56							
84/ 83			.1	.2	.5	.6	2.6	1.6	2.7	1.9	.4	.6	.1					107	107							
82/ 81			.1	.3	1.0	1.3	1.8	4.1	2.3	1.1	1.5	.5	.1					131	131							
80/ 79				.4	.5	2.0	2.3	1.7	1.2	1.8	1.4	.2						108	108	4						
78/ 77		.1	.1	.2	.6	.4	1.3	1.2	.6	.8	.9							58	58	5	1					
76/ 75			.2	.3	.8	1.4	1.2	1.3	1.2	1.6	.9							82	82	12	7					
74/ 73	.3	.4	.3	.4	.4	.4	1.2	1.3	1.4	1.5	.9							80	80	45	9					
72/ 71		.6	.4	.3	.4	.5	.8	2.2	2.4	.5	.1							77	77	82	16					
70/ 69	.2	.4	.6	.6	.5	.5	.4	1.6	.6	.8	.3							63	63	92	30					
68/ 67	.3	.4	.2	.4	.1	.5	.8	.9	.1	.6								41	41	129	43					
66/ 65		.8	.3	.4	.3	.3	.3	.8	.3	.1								34	34	87	62					
64/ 63		.9	.4	.1	.4	.1	1.2	.1	.1									31	31	79	68					
62/ 61	.3	.5	.5	.2	.4		.2	.2										23	23	89	72					
60/ 59			.2		.1	.2	.1	.2										8	8	80	87					
58/ 57					.1	.1	.1											3	3	94	58					
56/ 55						.1												1	1	48	69					
54/ 53					.1	.2												3	3	34	56					
52/ 51																				25	34					
50/ 49																				15	35					
48/ 47																				4	48					
46/ 45																				4	59					
44/ 43																				2	43					
42/ 41																					42					
40/ 39																					35					
38/ 37																					14					
36/ 35																					14					
34/ 33																					12					
32/ 31																					7					
30/ 29																					7					
28/ 27																					1					
26/ 25																					1					
Element (X)	Σ X ²			Σ X			Σ		Σ _A		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.													≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																										
Wet Bulb																										
Dew Point																										

PSYCHROMETRIC SUMMARY

03850

FT RUCKER AL

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

2020 (L. 3. 1.)

[illegible]

PSYCHROMETRIC SUMMARY

03850
STATION

FS RUCKER AL

69-70, 73-80

OCT
MONTH

PAGE 1

1500-1700

HOURS (L, S, T,)

[illegible]

2

1

OCT

YEARS

MONTH

2100-2300

2400 250
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS PUM ARE OBSOLETE

0.26-2 (OL A)

WOMEN
MAY 1964

USAFETAC

PSYCHROMETRIC SUMMARY

03850
STATIC

FT RUCKER AL

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

03850	FT RUCKER AL
STATION	STATION NAME

69-70, 73-80

YEARS

OCT
MONTH

PAGE 2

ALL

HOURS (L, S, T, H)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point				
72/ 71	.1	1.1	.4															15	15	3	3				
70/ 69	.1	.9	.7	.1	.4													20	20	9	8				
68/ 67	.2	2.6	.4	.1	.6													35	35	21	10				
66/ 65	1.7	1.6	.2	.2														33	33	39	42				
64/ 63	1.1	3.0	.2			.2												41	41	37	37				
62/ 61	.8	4.8	.6	.4		.2												61	61	55	29				
60/ 59	.8	2.6	1.3	.2	.2		.1											47	47	45	52				
58/ 57	.4	4.4	1.6	.2	.2													62	62	39	39				
56/ 55	.1	3.0	2.0	1.0	.4	.1												60	60	53	44				
54/ 53	.8	2.8	2.2	1.1	.3													74	74	53	54				
52/ 51	.1	2.2	1.8	1.1	.1													48	48	55	42				
50/ 49	.1	2.7	2.1	1.3	.3													59	59	58	44				
48/ 47		3.4	2.0	1.1	.4	.1												64	64	55	38				
46/ 45		3.3	1.8	.8	.6	.1												59	59	66	47				
44/ 43		.9	2.0	1.2	.1													38	38	52	56				
42/ 41		.7	1.7	1.4	.3													37	37	36	46				
40/ 39		1.4	2.1	1.3	.1													45	45	44	38				
38/ 37		1.3	1.6	.2														28	28	43	32				
36/ 35	.6	2.0	1.1	.2														35	35	55	49				
34/ 33	.1	.4	.6															10	10	37	38				
32/ 31		.4	1.0															13	13	11	35				
30/ 29		.1	.4															5	5	12	32				
28/ 27		.3	.1	.2														6	6	7	25				
26/ 25			.1															1	1	6	24				
24/ 23			.1															1	1		8				
22/ 21		.2																2	2	3	9				
20/ 19																				3	5				
18/ 17																					7				
12/ 11																					3				
4/ 3																					3				
TOTAL	7.0	47.3	28.0	12.6	4.2	.8	.1											899	899	899	899				
																						899		899	
Element (X)	Σx ²		Σx		Σ	q _x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	6072724		72912		81.1	13.319	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	2503283		46543		51.8	10.213	899		2.8	7.0				90											
Wet Bulb	2265843		44081		49.0	10.782	899		4.4	3.3				90											
Dew Point	2045782		41316		46.0	12.794	899		15.1	2.1				90											

FORM 0-26-5 (01-2) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.9	.2															10	10		
70/ 69	.1	1.1	.4	.3														18	18	9	9
68/ 67	.2	2.2																22	22	19	13
66/ 65	1.0	2.9	.2	.3														40	40	35	29
64/ 63	.9	3.0	.1	.9														44	44	43	40
62/ 61	1.3	3.8	.2															48	48	41	38
60/ 59	.3	2.6	.6	.2		.1												34	34	40	39
58/ 57	.6	3.2	1.8	.3		.2												55	55	34	31
56/ 55	.6	4.0	1.0	1.0	.1	.1												61	61	56	42
54/ 53	.3	2.8	1.4	.2		.1												44	44	39	47
52/ 51	.7	2.4	2.4	.7	.2													58	58	43	39
50/ 49	.6	4.9	2.3	.6														75	75	64	44
48/ 47	.1	3.2	1.1	.8	.2													49	49	65	43
46/ 45		3.4	2.1	.3	.3													56	56	53	49
44/ 43		3.2	1.6	.9														51	51	53	52
42/ 41		1.7	2.0	.8														40	40	49	51
40/ 39		1.6	2.0	.7	.1													39	39	40	41
38/ 37		1.9	2.3	.9														46	46	45	35
36/ 35	.2	2.6	1.7	.1														41	41	45	36
34/ 33	.3	2.0	.7															27	27	52	47
32/ 31		1.7	.6															20	20	31	43
30/ 29		.7	.2															8	8	18	42
28/ 27	.1	.3	.1															5	5	11	24
26/ 25		.3																3	3	6	30
24/ 23			.1	.1														2	2	3	11
22/ 21		.1	.1															3	2		7
20/ 19		.1																1	1	3	4
18/ 17		.1																1	1	3	8
14/ 13																					1
12/ 11																					2
6/ 5																					1
4/ 3																					2
TOTAL	7.3	56.7	25.3	9.1	1.0	.6												900	900	900	
																		900	900		
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total
Rel. Hum	6375281		74997		83.3		11.828		900		≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					Total
Dry Bulb	2357904		45042		50.0		10.740		900						4.2	5.0					90
Wet Bulb	2162030		42954		47.7		11.161		900						7.5	2.8					90
Dew Point	1975851		40555		45.1		12.848		900						17.5	2.2					90

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

USAFETAC

2

4

NOV

MONTH

C900-1100

HOURS (L, S, T.)

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

NOV

MONTH

0900-1100

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point									
86/ 85										.1	.1							2	2										
84/ 83							.3	.3	.1	.6								12	12										
82/ 81					.1	.3	.7	.6	.4		.6	.2						26	26										
80/ 79					.4	.6	1.1	.4	.4	.1	.2	.4						34	34										
78/ 77				.1	.7	.7	1.3	1.0	.8	.3					.2			46	46										
76/ 75			.3	1.0	.8	1.9	2.6	1.6	1.0	.2	.2	.1						87	87										
74/ 73			.6	1.2	1.6	1.4	1.6	1.0	.8	.2	.3	.3						81	81		2								
72/ 71		.8	.7	1.6	.7	.9	.7	1.3	1.1	.4	.6	.1						79	79	24									
70/ 69		.3	.7	.4	.7	1.1	.8	1.2	1.1	.7	.1							64	64	36	7								
68/ 67	.1	.6	.9	1.2	1.1	.7	.8	.8	1.1	.6	.2							72	72	66	31								
66/ 65		1.1	.3	.4	.2	.4	1.6	.3	1.0	.9								57	57	78	32								
64/ 63	.1	.9	.6	.6	.3	.6	.4	.9	1.1	.4								53	53	78	53								
62/ 61	.1	.7	.4		.4	1.0	.8	1.7	.8	.3								56	56	79	46								
60/ 59	.2	.7	.8	.4	.2	.2	.7	1.2	.7	.4								50	50	68	59								
58/ 57		.3	.4			.8	1.0	1.0	1.0	.2								43	43	57	40								
56/ 55		.1	.7	.2	.3	.4	.4	.7										26	26	46	66								
54/ 53		.2	.3	.3		.7	1.2	.2	.1									28	28	63	41								
52/ 51		.1	.6	.1	.2	.4	.3	.6										21	21	37	42								
50/ 49		.3	.2	.2	.2	.3	.2											14	14	43	38								
48/ 47				.7	.3	.6	.1											15	15	68	38								
46/ 45		.1				.4	.1											6	6	31	40								
44/ 43		.6			.1	.7	.1											13	13	38	33								
42/ 41			.3		.2	.2	.1											8	8	37	32								
40/ 39				.1	.1													2	2	11	27								
38/ 37			.1			.1												2	2	13	18								
36/ 35		.1				.1												2	2	6	33								
34/ 33					.1													1	1	12	27								
32/ 31																				4	48								
30/ 29																					27								
28/ 27																				2	18								
26/ 25																				1	29								
24/ 23																					22								
22/ 21																					10								
20/ 19																					12								
Element (X)	Σ X ²			Σ X			Σ			%			No. Obs.			Mean No. of Hours with Temperature													
Rel. Hum.																≤ 0 F		≤ 32 F		≥ 47 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																													
Wet Bulb																													
Dew Point																													

USAFETAC FORM 0-26-5 (OL A) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV
MONTH

PAGE 2 150G-170G

[illegible]

PSYCHROMETRIC SUMMARY

NOV
MONTH

HOURS (L, S, T.)

USAFETAC

PSYCHROMETRIC SUMMARY

03850	FT RUCKER AL
STATION	STATION NAME

69-70, 73-80

NOV

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

2

1

MONTH

YEARS

2100-2300

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

03650
STATIC

FT RUCKER AL

69-77, 73-80

NOV

MONTH

PAGE 2

2100-2300
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

MONTH

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

NOV
MONTH

ALL

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC
MONTH

0000-0200
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC

MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

03850
STATIC

FT RUCKER AL

68-70, 73-79

DEC
MONTH

PAGE 2

0300-0500

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

68-70, 73-79
YEARS

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73			.2															2	2			
72/ 71		.2	.1															3	3	1		
70/ 69		1.1																10	10	7	5	
68/ 67	.2	1.3																14	14	15	12	
66/ 65	.1	.9	.1															10	10	10	13	
64/ 63	.2	1.8	.1															20	20	15	8	
62/ 61	.2	1.5	.2	.1														19	19	17	18	
60/ 59	.3	1.9	.6	.2														29	29	18	20	
58/ 57	.6	2.7	1.2	.3														45	45	32	31	
56/ 55	1.4	3.5	.5	.2														53	53	47	32	
54/ 53	.2	2.3	.6	.2		.1												32	32	43	40	
52/ 51	1.7	2.9	1.3															48	48	44	45	
50/ 49	.6	3.1	1.1	.4	.1													50	50	43	43	
48/ 47	.1	2.5	1.4	1.0	.3													49	49	33	26	
46/ 45	.2	2.6	1.7	1.2	.2													55	55	46	36	
44/ 43	.3	1.8	2.0	1.2	.4	.1												55	55	37	31	
42/ 41		1.5	1.9	1.4	.3													48	48	47	27	
40/ 39		2.6	3.3	1.1														65	65	47	31	
38/ 37		2.0	2.9	.8	.1													54	54	62	31	
36/ 35		3.7	1.4	.8	.1													55	55	69	46	
34/ 33		1.7	2.3	1.3														49	49	64	54	
32/ 31	.1	3.9	2.7	.9														70	70	46	68	
30/ 29	.2	1.8	2.6	.2														45	45	63	51	
28/ 27	.1	1.9	1.3															31	31	52	49	
26/ 25		.5	.2															7	7	46	46	
24/ 23		.5	.1															5	6	14	27	
22/ 21		.1	.3															4	4	6	38	
20/ 19		.2																2	2	2	41	
18/ 17																				4	27	
16/ 15																					18	
14/ 13																					7	
12/ 11																					3	
10/ 9																					4	
8/ 7																					2	
Element (X)	Σ x ²		Σ x		X		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						
Mean No. of Hours with Temperature																						
		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total								

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

03850	FT RUCKER AL	
STATION		STATION NAME

68-70, 73-79

YEARS

DEC
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKER AL
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79						.1												1	1		
78/ 77				.5	.2													7	7		
76/ 75			.2	.1		.1												4	4		
74/ 73			.4	.2	.2	.3	.1	.1										13	13		
72/ 71		.4	.3	.4	.9	.2	.1											22	22	9	
70/ 69		.6	.4	.6	.3	.2	.1	.1	.1									24	24	14	11
68/ 67		.9	.9	.9	.1	.2												27	27	12	14
66/ 65	.1	1.3	.8	1.0	.1	.1			.2									33	33	23	11
64/ 63		.9	.3	.4	.5	.3	.3	.1										27	27	35	20
62/ 61	.4	1.1	.4	.4	.3	.5	.3	.2	.1									36	36	37	26
60/ 59	.9	1.9	1.1	.9	.4	.5	.6	.1	.1									61	61	35	44
58/ 57	.4	2.0	1.0	.9	.9	.5	.3	.3	.1									65	65	40	33
56/ 55		2.5	1.4	.8	.8	.6	1.8	.4										77	77	41	37
54/ 53	.2	1.2	1.1	.6	1.0	1.0	.9	.1										56	56	41	38
52/ 51	.2	.6	1.2	.9	1.6	1.9	.8											67	67	49	27
50/ 49	.2	1.8	1.9	.9	2.0	1.0	.8	.1										81	81	44	33
48/ 47		1.4	1.1	1.6	1.7	1.1	.4											68	68	52	35
46/ 45	.2	.9	1.9	1.2	1.5	1.2	.1											65	65	74	39
44/ 43		.8	1.7	2.5	1.9	1.0	.2											75	75	71	33
42/ 41		.1	.1	1.1	1.2	.1												24	24	88	33
40/ 39		.1	.6	1.1	1.5	.3												34	34	64	35
38/ 37			.4	1.4	.8													24	24	54	47
36/ 35			.5	.9	.5	.1												19	19	45	44
34/ 33			.2	.4	.1													7	7	28	39
32/ 31			.1	.8	.1													9	9	38	48
30/ 29			.1	.1														2	2	15	59
28/ 27				.1														1	1	11	37
26/ 25			.1															1	1	7	35
24/ 23																				2	29
22/ 21																				1	29
20/ 19																					31
18/ 17																					24
16/ 15																					20
14/ 13																					6
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 44 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC
MONTH

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850
STATION

FT RUCKEL AL
STATION NAME

68-72, 73-79
YEARS

DEC
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
84/ 83							.1											1	1			
82/ 81						.3	.3											6	6			
80/ 79					.4	.6												10	10			
78/ 77				.1	.5	.2	.6	.2		.1								15	15			
76/ 75			.1	.4	.8	.5	1.3	.2		.1								32	32			
74/ 73			.1	.6	.9	1.5	.4		.2	.4								39	39			
72/ 71		.1	.9	.3	1.1	.4	.3	.1	.1	.4	.1							36	36	17		
70/ 69		.3	.5	.8	.4	.2			.3	.1	.2	.2						34	34	12	2	
68/ 67			.5	.5	1.0	.2	.9	.1	.3	.2								35	35	29	16	
66/ 65		1.0	.3	1.0	.4	.6	.6	.6	.5	.3								51	51	34	17	
64/ 63	.2	.8	.1	.8	.4	.8	.4	.9	1.1	.2								52	52	57	26	
62/ 61	.5	.5	.3	1.0	.5	1.4	1.2	1.9	1.6	.3								87	87	36	43	
60/ 59	.1	1.1	.5	.5	.5	1.1	.6	2.9	1.2	.2								82	82	34	28	
58/ 57	.1	1.5	.3	.5	.3	.6	1.3	2.5	.8	.1								75	75	35	41	
56/ 55	.2	1.0	.3	.2	1.2	.5	1.3	.9	.5									63	63	53	41	
54/ 53		1.2	1.0	.4	.6	1.1	1.4	1.6	.1									69	69	44	41	
52/ 51	.1	.9		.4	.6	1.3	1.6	.9	.1									55	55	56	29	
50/ 49	.2	1.5	.9	.1	.4	1.3	1.4	.5										61	61	82	32	
48/ 47		.4	.1	.4	.6	1.1	1.2	.2										38	38	74	29	
46/ 45		.3	.2	.2	1.1	1.5	.8											77	37	73	37	
44/ 43			.2	.2	.5	.6												15	15	68	33	
42/ 41		.1	.2	.3	.2	.6	.1											15	15	48	26	
40/ 39		.1			.4	.4	.1											9	9	60	32	
38/ 37					1.0	.1												10	10	51	27	
36/ 35					.1													1	1	28	34	
34/ 33					.1													1	1	16	34	
32/ 31																				10	42	
30/ 29																				10	43	
28/ 27																				2	51	
26/ 25																					39	
24/ 23																					38	
22/ 21																					25	
20/ 19																					37	
18/ 17																					35	
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OLA) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC
MONTH

1200-1400
HOURS (L, S, T.)

[illegible]

2

DEC

STATION NAME

YEARS

MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FORM

USAFETAC

2

MONTH

HOURS (1-9-7-1)

USAFETAC
FORM 0-26-5 (OL A)
MAY 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL

68-70, 73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
76/ 75				.1														1	1						
74/ 73		.1	.4	.2														7	7						
72/ 71		.3	.5															8	8	2					
70/ 69	.1	.8	.6	.2														16	16	12	7				
68/ 67	.3	.8	.8	.3	.2													22	22	17	13				
66/ 65	.2	1.7	1.2	1.2	.4													44	44	16	20				
64/ 63		2.2	.3	.6	.1	.2												32	32	25	10				
62/ 61	.1	2.5	1.2	.6	.3	.4		.1										49	49	38	28				
60/ 59		1.3	1.5	.4	.3	.2	.1											36	36	41	38				
58/ 57	.6	1.6	1.5	1.4	.6	.5	.8	.2										64	64	37	33				
56/ 55		1.6	1.3	1.2	1.0	1.7	.4	.1										68	68	39	25				
54/ 53		1.3	1.2	1.8	.9	.9	.5											61	61	33	41				
52/ 51		3.1	.4	2.1	1.9	1.7	.6											92	92	53	35				
50/ 49	.2	1.7	1.6	1.8	2.5	.9	.8											88	88	56	43				
48/ 47	.2	1.2	.1	2.2	2.6	1.7	.3											77	77	58	38				
46/ 45		.6	1.3	1.1	1.2	1.3												51	51	75	32				
44/ 43			1.1	1.2	1.4	.5	.1											40	40	58	33				
42/ 41		.5	.6	2.8	1.6	.3												55	55	76	28				
40/ 39		.1	.4	1.6	1.8													37	37	67	12				
38/ 37		.2	.8	2.1	1.0													37	37	44	48				
36/ 35		.2	.3	1.7	.3													24	24	56	47				
34/ 33			.1	.6	.1													8	8	45	47				
32/ 31			.1	.1														2	2	39	49				
30/ 29			.3	.2														5	5	25	36				
28/ 27			.1	.1														2	2	5	51				
26/ 25																				6	38				
24/ 23																				3	28				
22/ 21																					30				
20/ 19																					37				
18/ 17																					33				
16/ 15																					11				
14/ 13																					6				
12/ 11																					4				
10/ 9																					5				
Element (X)	Σ x ²			Σ x			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

FORM 44

USAFETAC

PSYCHROMETRIC SUMMARY

03850
STATIC

FT RUCKER AL

68-70, 73-79

DEC

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

2

1

DEC
MONTH



USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

DEC
MONTH

[illegible]

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL
STATION STATION NAME

68-70, 73-79

DEC

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
84/ 83							.0											2	2																	
82/ 81						.0	.1											8	8																	
80/ 79					.1	.1	.1											15	15																	
78/ 77				.1	.1	.1	.1	.0		.0								31	31																	
76/ 75			.0	.2	.2	.2	.2	.1		.0	.0							63	63																	
74/ 73		.1	.2	.2	.2	.3	.2	.0	.0	.1		.0						100	100																	
72/ 71		.2	.3	.2	.3	.1	.1	.0	.0	.1	.1							107	107	46	6															
70/ 69	.0	.8	.3	.3	.2	.2	.0	.0	.1	.0	.0	.0						155	155	78	44															
68/ 67	.2	.9	.4	.4	.3	.1	.2	.1	.1	.0	.0							195	195	153	112															
66/ 65	.2	1.0	.5	.5	.2	.2	.2	.1	.2	.1								232	232	158	129															
64/ 63	.2	1.4	.3	.3	.2	.2	.2	.2	.3	.0								252	252	212	122															
62/ 61	.3	1.5	.4	.5	.3	.4	.3	.5	.3	.1								341	341	242	198															
60/ 59	.3	1.8	.9	.4	.3	.3	.3	.6	.3	.0								388	388	233	243															
58/ 57	.5	1.7	.8	.5	.3	.4	.6	.6	.2	.0								415	415	269	248															
56/ 55	.3	2.6	.9	.5	.6	.6	.6	.3	.2									496	496	317	242															
54/ 53	.2	2.1	.8	.7	.5	.6	.6	.3	.0									431	431	353	324															
52/ 51	.2	2.2	1.1	.8	.7	.8	.6	.2	.0									494	494	385	307															
50/ 49	.3	2.2	1.2	1.0	.9	.5	.5	.2										509	509	423	286															
48/ 47	.1	1.6	1.1	1.3	.9	.7	.4	.0										468	468	455	255															
46/ 45	.1	1.4	1.2	1.0	.8	.8	.2											412	412	507	293															
44/ 43	.1	.8	1.5	1.5	.8	.4	.0											377	377	451	250															
42/ 41	.0	.9	1.4	1.6	.6	.3	.0											358	358	456	263															
40/ 39		1.1	1.6	.9	.6	.1	.0											322	322	472	260															
38/ 37	.0	.9	1.4	1.2	.6	.0												306	306	457	311															
36/ 35		1.1	.9	1.0	.2	.0												240	240	419	351															
34/ 33		.6	1.3	.9	.1													218	218	335	351															
32/ 31	.3	1.2	1.3	.6	.0													231	231	286	432															
30/ 29	.0	.6	1.1	.1														135	135	285	384															
28/ 27	.0	.6	.4	.0														81	81	220	382															
26/ 25		.1	.2															26	26	148	310															
24/ 23		.1	.1															10	10	38	235															
22/ 21		.1	.1															12	12	19	257															
20/ 19		.0																2	2	9	326															
18/ 17																				6	225															
Element (X)	Σ X²			Σ X			X̄			σ²			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

03850 FT RUCKER AL

68-70, 73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

2

1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
104/103											.0	.0						3	3					
102/101										.0	.0	.0		.0	.0			19	19					
100/ 99										.0	.0	.0		.0				43	43					
98/ 97								.0	.0	.0	.0	.0		.0				100	100					
96/ 95								.0	.1	.1	.1	.1	.0	.0				317	317					
94/ 93						.0	.0	.1	.2	.2	.1	.1	.0	.0				678	679					
92/ 91					.0	.0	.2	.4	.4	.2	.1	.0	.0	.0				1206	1206					
90/ 89					.0	.2	.4	.7	.3	.2	.1	.0	.0	.0				1708	1708					
88/ 87				.0	.2	.5	.7	.4	.3	.1	.1	.0	.0	.0				2022	2022					
86/ 85			.0	.2	.5	.7	.4	.4	.2	.1	.0	.0	.0	.0				2398	2398					
84/ 83		.0	.1	.4	.6	.5	.4	.3	.2	.2	.1	.1	.0	.0				2639	2639	20				
82/ 81		.1	.3	.7	.7	.6	.4	.3	.2	.1	.1	.1	.0					2931	2931	208	2			
80/ 79	.0	.2	.8	.9	.6	.5	.3	.3	.2	.1	.1	.0	.0	.0				3636	3636	1261	153			
78/ 77	.1	.8	1.4	1.0	.6	.3	.3	.2	.2	.1	.1	.0	.0					4413	4413	3434	797			
76/ 75	.3	1.5	1.9	.9	.4	.4	.3	.2	.2	.1	.1	.0	.0					5542	5542	5726	2550			
74/ 73	.6	2.0	2.0	.8	.3	.3	.3	.2	.2	.1	.1	.0						6030	6030	6911	4811			
72/ 71	.5	1.9	1.6	.5	.4	.2	.3	.2	.2	.1	.1	.0						5245	5245	7064	6792			
70/ 69	.4	1.6	1.3	.4	.4	.3	.2	.2	.2	.1	.0	.0						4502	4502	6064	7105			
68/ 67	.4	1.3	1.0	.3	.3	.3	.2	.2	.1	.1	.0							3645	3646	5076	5798			
66/ 65	.4	1.5	.6	.5	.3	.2	.2	.2	.1	.1	.0							3692	3692	4445	5018			
64/ 63	.4	1.5	.6	.5	.3	.4	.2	.1	.1	.0								3539	3539	4219	4278			
62/ 61	.4	1.3	.3	.4	.3	.4	.2	.2	.1	.0								3229	3229	3955	3804			
60/ 59	.4	1.2	.7	.4	.3	.2	.2	.2	.1	.0								3239	3239	3696	3855			
58/ 57	.2	1.0	.6	.4	.3	.2	.2	.2	.1	.0								2816	2816	3470	3112			
56/ 55	.2	1.0	.6	.4	.3	.3	.2	.1	.0									2741	2741	3071	3086			
54/ 53	.2	.8	.6	.4	.3	.2	.2	.1	.0									2502	2502	3108	2925			
52/ 51	.2	.8	.6	.4	.3	.2	.2	.1	.0									2452	2452	2777	2886			
50/ 49	.2	.8	.6	.4	.3	.2	.1	.0										2400	2400	2846	2711			
48/ 47	.1																							

PSYCHROMETRIC SUMMARY

03850	FT RUCKER AL
STATION	STATION NAME

68-70,73-80 YEARS

ALL
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03850 FT RUCKER AL

68-70,73-80

STATION		STATION NAME											YEARS											
HRS (1-24)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL										
00-02	MEAN	44.3	45.2	54.2	60.0	66.7	72.2	74.9	74.3	71.6	59.9	51.8	45.8	60.1										
	S D	11.745	10.415	9.530	6.947	5.268	3.743	2.738	2.659	4.659	7.386	10.213	10.621	13.691										
	TOTAL OBS	930	846	930	900	930	900	929	930	900	930	899	930	10954										
03-05	MEAN	42.7	43.3	52.3	57.8	64.7	70.4	73.5	72.9	70.1	57.9	50.0	44.2	58.4										
	S D	12.252	10.843	10.402	7.886	5.782	4.062	2.601	2.678	4.835	7.938	10.740	11.238	14.030										
	TOTAL OBS	930	846	930	900	930	899	930	929	900	930	900	930	10954										
06-08	MEAN	42.3	43.3	53.3	60.8	68.8	74.7	77.1	75.9	72.2	59.6	50.8	44.4	60.4										
	S D	12.384	10.701	10.411	7.668	5.870	4.896	3.834	3.788	5.456	7.970	10.747	11.190	15.281										
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955										
09-11	MEAN	48.6	52.1	62.0	70.7	77.7	83.4	85.3	84.6	80.9	70.8	60.9	52.8	69.2										
	S D	11.591	10.828	9.852	7.105	5.949	4.971	4.447	4.038	6.377	7.493	9.825	9.893	15.282										
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956										
12-14	MEAN	54.9	58.6	67.4	75.9	81.5	86.9	88.3	87.8	84.9	76.1	66.5	59.1	74.1										
	S D	11.607	10.907	9.916	7.118	6.307	5.781	5.579	5.023	6.735	7.021	9.721	9.618	14.363										
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955										
15-17	MEAN	55.1	59.3	67.7	75.9	81.1	85.7	86.4	86.1	83.4	74.9	64.9	58.1	73.3										
	S D	11.471	10.460	9.715	6.890	6.250	6.371	6.563	5.877	7.084	6.978	9.509	9.374	13.954										
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956										
18-20	MEAN	49.5	52.8	61.7	68.9	75.0	80.0	81.0	80.2	77.0	67.2	57.8	51.7	67.0										
	S D	11.096	9.633	8.990	6.419	5.624	5.567	5.149	4.599	5.775	6.603	9.102	9.231	13.705										
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	926	10949										
21-23	MEAN	46.2	48.4	57.2	63.2	69.8	75.1	77.0	76.4	73.4	62.6	54.0	44.0	62.7										
	S D	11.222	9.708	8.921	6.063	4.784	4.058	3.300	2.969	4.942	6.869	9.628	9.803	13.422										
	TOTAL OBS	930	845	930	900	930	900	930	930	900	930	897	927	10949										
ALL HOURS	MEAN	47.9	50.4	59.5	66.7	73.2	78.5	80.5	79.8	76.7	66.1	57.1	50.5	65.6										
	S D	12.589	12.034	11.300	9.729	8.404	7.761	6.935	6.759	7.900	9.918	11.639	11.546	15.345										
	TOTAL OBS	7440	6767	7440	7200	7440	7199	7439	7439	7199	7440	7193	7432	87628										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03850 FT RUCKER AL

68-70,73-80

STATION		STATION NAME											YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	41.6	42.1	51.2	56.5	63.9	69.0	72.5	71.6	69.1	56.8	49.0	42.8	57.3											
	S D	12.561	11.166	10.155	7.905	5.763	4.114	2.352	2.824	5.059	7.921	10.782	11.374	14.101											
	TOTAL OBS	930	846	930	900	930	900	929	930	900	930	899	930	10954											
03-05	MEAN	40.5	40.9	49.9	55.2	62.7	68.1	71.7	70.8	68.2	55.4	47.7	41.7	56.1											
	S D	12.944	11.449	10.826	8.565	6.192	4.434	2.449	2.974	5.304	8.383	11.161	11.786	14.434											
	TOTAL OBS	930	846	930	900	930	899	930	929	899	930	900	930	10953											
06-08	MEAN	40.1	40.8	50.6	57.2	65.2	70.5	73.8	72.7	69.5	56.6	48.4	41.8	57.3											
	S D	13.030	11.284	10.776	8.193	5.799	4.457	2.716	3.174	5.486	8.340	11.215	11.738	15.088											
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955											
09-11	MEAN	44.2	45.8	55.0	61.2	68.3	73.3	76.5	76.0	73.0	62.2	54.0	47.1	61.5											
	S D	12.295	10.853	9.694	7.329	5.087	4.029	2.500	2.436	4.926	7.389	10.131	10.603	14.022											
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955											
12-14	MEAN	47.5	48.9	56.9	62.5	68.8	73.4	76.7	76.2	73.6	63.7	56.2	50.1	62.9											
	S D	11.651	10.226	8.930	6.706	4.705	3.878	2.558	2.509	4.449	6.592	9.546	10.038	12.798											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955											
15-17	MEAN	47.6	49.1	57.0	62.2	68.4	72.8	75.9	75.5	72.9	63.1	55.4	49.6	62.5											
	S D	11.555	9.878	8.652	6.307	4.581	3.785	2.575	2.552	4.430	6.517	9.341	9.945	12.531											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956											
18-20	MEAN	44.7	46.3	54.8	59.9	67.1	71.6	74.7	74.1	71.2	60.3	52.3	46.5	60.4											
	S D	11.951	10.132	9.157	6.649	4.887	3.827	2.574	2.616	4.748	7.074	9.778	10.405	13.266											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	926	10949											
21-23	MEAN	42.8	44.2	52.9	58.1	65.4	70.2	73.5	72.7	70.0	58.3	50.3	44.3	58.6											
	S D	12.154	10.557	9.573	7.174	5.260	3.970	2.313	2.693	5.005	7.457	10.339	10.788	13.695											
	TOTAL OBS	930	845	930	900	930	900	930	930	900	930	897	927	10949											
ALL HOURS	MEAN	43.6	44.8	53.5	59.1	66.2	71.1	74.4	73.7	70.9	59.5	51.7	45.5	59.6											
	S D	12.570	11.149	10.093	7.817	5.717	4.474	3.049	3.338	5.298	8.065	10.749	11.296	13.977											
	TOTAL OBS	7440	6767	7440	7200	7440	7199	7439	7438	7198	7440	7193	7432	87626											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03850 FT RUCKER AL

68-70,73-80

STATION		STATION NAME												YEARS											
HRS. LST.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	37.4	37.7	48.0	53.5	62.1	67.3	71.4	70.3	67.8	54.2	46.0	38.6	54.6											
	S D	15.80	14.00	12.34	9.87	6.97	5.11	2.61	3.44	5.75	9.31	12.79	13.96	16.15											
	TOTAL OBS	930	846	930	900	930	900	929	930	900	930	899	930	10954											
03-05	MEAN	36.7	37.0	47.3	52.9	61.4	66.7	70.8	69.7	67.1	53.3	45.1	38.0	53.9											
	S D	15.96	14.02	12.61	10.04	7.13	5.18	2.67	3.50	5.98	9.51	12.84	14.05	16.26											
	TOTAL OBS	930	846	930	900	930	899	930	929	899	930	900	930	10953											
06-08	MEAN	36.4	36.9	47.7	54.0	63.0	68.3	72.3	71.2	68.0	54.0	45.6	38.2	54.7											
	S D	15.93	13.85	12.62	10.01	7.00	5.35	2.92	3.52	6.15	9.68	12.96	14.01	16.73											
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955											
09-11	MEAN	37.9	37.8	48.2	53.6	62.7	68.2	72.7	72.2	69.2	55.8	47.3	40.0	55.6											
	S D	16.57	14.84	13.26	11.08	7.68	5.80	3.39	3.42	5.99	10.26	13.90	14.66	16.85											
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955											
12-14	MEAN	38.1	37.5	47.4	52.3	61.2	66.6	71.7	71.0	68.1	54.7	46.4	39.6	54.6											
	S D	16.93	15.20	13.25	11.05	7.74	6.06	3.73	3.87	5.90	10.23	14.51	15.56	16.74											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955											
15-17	MEAN	38.1	36.9	47.3	51.6	60.7	66.1	71.3	70.7	67.7	54.4	46.1	39.6	54.3											
	S D	16.97	15.21	13.34	11.03	7.95	6.24	3.67	3.99	5.94	10.13	14.10	15.39	16.67											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956											
18-20	MEAN	38.1	38.0	48.2	52.7	62.1	67.2	71.9	71.2	68.3	55.0	46.6	39.8	55.0											
	S D	16.26	14.37	12.81	10.24	7.34	5.63	3.23	3.57	5.72	9.50	13.04	14.40	16.30											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	926	10949											
21-23	MEAN	37.7	38.4	48.6	53.8	62.6	67.5	71.8	70.9	68.1	54.7	46.4	39.3	55.1											
	S D	15.81	13.98	12.32	9.72	6.96	5.31	2.73	3.46	5.82	9.18	12.83	13.93	16.11											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	927	10949											
ALL HOURS	MEAN	37.5	37.5	47.8	53.1	62.0	67.2	71.7	70.9	68.0	54.5	46.2	39.1	54.7											
	S D	16.29	14.44	12.83	10.42	7.39	5.53	3.19	3.66	5.41	9.75	13.40	14.52	16.48											
	TOTAL OBS	7440	6767	7440	7200	7440	7199	7439	7438	7198	7440	7193	7432	87626											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

C3850

FT RUCKER AL

69-70, 73-80

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.0	92.7	81.4	66.1	51.6	27.6	77.9	930
	03-05	100.0	100.0	100.0	99.4	95.4	84.9	72.0	56.7	32.3	79.9	930
	06-08	100.0	100.0	100.0	99.5	94.7	84.8	73.3	57.1	31.9	80.1	930
	09-11	100.0	99.9	98.3	89.0	76.9	62.4	49.0	36.3	18.0	68.9	930
	12-14	100.0	98.2	86.2	71.4	55.8	42.0	29.6	19.5	9.5	57.0	930
	15-17	100.0	98.6	84.4	71.4	54.8	40.5	29.8	19.6	8.8	56.5	930
	18-20	100.0	100.0	98.8	88.4	73.8	60.1	45.5	30.5	13.9	66.9	930
	21-23	100.0	100.0	99.9	96.8	85.9	72.9	58.7	40.9	20.4	73.6	930
TOTALS		100.0	99.6	96.0	89.4	78.8	66.1	53.0	39.0	20.3	70.1	7440

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13850 FT RUCKER AL

69-70, 73-80

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	98.8	91.7	80.0	62.9	41.8	23.5	75.9	846
	03-05	100.0	100.0	100.0	99.2	94.3	87.0	71.5	51.3	28.7	79.2	846
	06-08	100.0	100.0	100.0	99.6	95.7	87.2	69.9	47.3	27.0	78.8	846
	09-11	100.0	99.9	94.6	81.6	64.5	47.9	32.6	22.2	12.4	61.3	846
	12-14	100.0	97.6	76.0	56.9	39.7	29.0	19.5	13.5	5.0	49.4	846
	15-17	100.0	96.5	70.3	47.2	38.7	27.5	19.9	13.2	4.8	47.7	846
	18-20	100.0	100.0	95.2	79.1	60.9	45.9	33.8	20.3	8.2	60.1	846
	21-23	100.0	100.0	99.5	96.1	82.0	66.5	49.6	32.9	15.6	70.0	845
TOTALS		100.0	99.3	92.0	82.6	70.9	58.9	45.0	30.3	15.7	65.3	6767

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03850
STATION

FT RUCKER AL
STATION NAME

69-70, 73-80
PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.6	96.6	86.2	72.7	57.2	29.9	80.4	930
	03-05	100.0	100.0	100.0	99.7	97.8	91.5	82.4	65.4	38.5	83.8	930
	06-08	100.0	100.0	100.0	99.1	96.6	89.5	79.2	60.1	33.0	82.1	930
	09-11	100.0	99.8	95.8	84.5	70.0	53.9	38.3	24.5	10.3	63.6	930
	12-14	100.0	99.2	82.8	64.7	48.1	31.9	21.9	14.5	6.0	52.6	930
	15-17	100.0	98.6	79.2	61.4	45.6	33.5	23.5	16.7	7.2	52.3	930
	18-20	100.0	99.9	97.0	94.8	67.0	54.0	40.8	28.0	12.2	64.4	930
	21-23	100.0	100.0	99.9	98.3	87.6	74.4	59.7	44.6	20.6	74.6	930
TOTALS		100.0	99.7	94.3	86.5	76.2	64.4	52.3	38.9	19.7	69.2	7440

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

C3850
STATION

FT RUCKER AL
STATION NAME

69-70,73-80
PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.9	99.7	97.9	90.9	72.3	52.2	27.2	80.1	900
	03-05	100.0	100.0	100.0	99.7	98.3	96.7	86.6	62.3	32.6	84.2	900
	06-08	100.0	100.0	100.0	99.8	95.7	88.6	73.2	50.3	25.0	79.3	900
	09-11	100.0	100.0	94.2	78.8	59.6	40.3	25.0	13.6	5.3	57.3	900
	12-14	100.0	99.3	80.1	53.9	34.6	18.6	12.8	7.8	3.7	46.7	900
	15-17	100.0	98.6	75.8	48.7	32.0	20.2	13.8	9.4	5.4	46.1	900
	18-20	100.0	99.9	97.4	81.3	59.2	41.1	27.4	17.8	8.4	59.0	900
	21-23	100.0	100.0	99.9	98.8	91.4	73.2	54.3	35.6	15.8	72.8	900
TOTALS		100.0	99.7	93.4	82.6	71.1	58.7	45.7	31.1	15.4	65.7	7200

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

C3850 FT RUCKER AL

69-70,73-80

MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.2	96.9	89.1	72.2	34.8	85.5	930
	03-05	100.0	100.0	100.0	100.0	99.7	98.7	95.4	82.8	46.7	89.1	930
	06-08	100.0	100.0	100.0	99.7	98.0	93.4	82.2	62.6	27.5	82.3	930
	09-11	100.0	100.0	97.7	89.5	74.2	50.8	32.3	16.9	4.6	62.1	930
	12-14	100.0	100.0	92.2	72.8	47.6	27.5	16.2	8.4	4.1	52.6	930
	15-17	100.0	100.0	92.6	68.5	44.3	29.8	19.5	11.9	3.9	52.8	930
	18-20	100.0	100.0	99.1	93.9	78.3	59.2	42.0	25.8	9.1	66.4	930
	21-23	100.0	100.0	100.0	99.5	96.9	88.7	73.4	51.6	19.4	76.9	930
TOTALS		100.0	100.0	97.7	90.5	79.8	68.1	56.3	41.5	18.8	71.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

C3850 FT RUCKER AL

69-70, 73-80

JUN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.2	96.7	91.6	76.1	25.2	84.9	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.2	96.1	87.2	39.0	88.4	899
	06-08	100.0	100.0	100.0	99.8	98.6	94.7	82.7	56.8	18.7	80.9	900
	09-11	100.0	100.0	99.0	93.9	81.2	50.7	22.9	7.1	1.2	61.3	900
	12-14	100.0	100.0	95.7	82.6	51.8	21.6	11.6	6.0	1.7	52.6	900
	15-17	100.0	100.0	94.7	78.4	51.3	31.0	19.4	9.4	2.3	54.4	900
	18-20	100.0	100.0	99.4	94.9	83.0	62.2	42.7	23.8	5.9	66.8	900
	21-23	100.0	100.0	100.0	99.8	97.0	90.8	76.4	49.2	11.6	78.0	900
TOTALS		100.0	100.0	98.6	93.7	82.8	68.2	55.4	39.5	13.2	70.9	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03850 FT RUCKER AL

69-70, 73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.0	88.6	35.8	88.9	929
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	97.0	47.4	91.3	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	91.7	73.0	26.7	85.2	930
	09-11	100.0	100.0	100.0	99.6	91.5	68.5	37.7	14.0	2.8	66.9	930
	12-14	100.0	100.0	100.0	94.2	65.7	42.4	21.3	10.4	2.2	59.3	930
	15-17	100.0	100.0	100.0	92.9	70.0	51.9	34.3	18.2	5.3	62.8	930
	18-20	100.0	100.0	100.0	99.6	95.1	82.7	62.3	39.4	12.3	74.9	930
	21-23	100.0	100.0	100.0	100.0	100.0	98.4	91.8	68.3	24.0	84.3	930
TOTALS		100.0	100.0	100.0	98.3	90.3	80.4	67.2	51.1	19.6	76.7	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03850 FT RUCKER AL

69-70,73-80

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.7	99.4	97.4	86.0	28.2	87.2	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	98.6	94.3	36.7	89.5	929
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	94.3	75.2	24.9	85.5	930
	09-11	100.0	100.0	100.0	99.8	93.3	71.8	35.8	13.7	2.5	67.0	929
	12-14	100.0	100.0	99.5	94.0	71.5	37.8	19.1	8.9	2.2	58.9	930
	15-17	100.0	100.0	99.1	93.7	72.5	48.7	31.5	16.5	3.0	62.1	930
	18-20	100.0	100.0	100.0	99.2	95.4	84.0	65.5	39.9	9.5	74.9	930
	21-23	100.0	100.0	100.0	100.0	99.5	97.6	91.7	68.2	19.1	83.3	930
TOTALS		100.0	100.0	99.8	98.3	91.5	79.8	66.7	50.3	15.8	76.1	7438

RELATIVE HUMIDITY

SEP

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.8	95.3	83.6	39.6	87.9	900
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.3	91.0	49.7	90.2	899
	06-08	100.0	100.0	100.0	100.0	99.8	98.6	93.1	78.1	37.6	86.9	899
	09-11	100.0	100.0	99.9	98.7	90.3	70.2	43.0	21.9	6.0	68.7	900
	12-14	100.0	100.0	99.0	91.6	69.7	37.7	19.4	10.9	4.6	58.9	900
	15-17	100.0	100.0	99.0	91.0	70.9	44.8	28.0	17.4	6.7	61.3	900
	18-20	100.0	100.0	100.0	99.8	96.0	84.2	63.4	40.1	14.0	75.5	900
	21-23	100.0	100.0	100.0	100.0	99.9	96.9	88.6	66.3	26.0	83.7	900
TOTALS		100.0	100.0	99.7	97.6	90.8	79.1	66.0	51.2	23.0	70.6	7198

USAFETAC FORM 0-87-5 (OL A)
JUL 64

RELATIVE HUMIDITY

OCT

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.9	98.7	94.3	83.8	63.0	21.0	81.9	930
	03-05	100.0	100.0	100.0	100.0	99.4	96.7	91.1	72.5	28.4	84.8	930
	06-08	100.0	100.0	100.0	100.0	98.7	93.5	83.9	62.9	23.3	82.2	930
	09-11	100.0	100.0	98.2	87.1	69.6	48.4	29.2	16.1	4.3	61.0	930
	12-14	100.0	99.9	89.5	66.2	40.9	20.6	13.4	8.0	2.7	49.9	930
	15-17	100.0	99.9	90.9	69.1	42.9	25.2	16.8	10.4	2.9	51.5	930
	18-20	100.0	100.0	99.6	96.5	84.1	61.7	36.6	20.9	5.6	66.2	930
	21-23	100.0	100.0	100.0	99.5	96.5	88.6	68.3	38.7	12.3	76.2	930
TOTALS		100.0	100.0	97.3	89.8	78.9	66.1	52.8	36.6	12.6	69.2	7440

RELATIVE HUMIDITY

NOV

MONTH

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.4	97.9	90.9	77.4	58.5	26.9	81.1	899
	03-05	100.0	100.0	100.0	100.0	98.8	94.8	84.8	63.7	30.9	83.3	900
	06-08	100.0	100.0	100.0	99.9	98.7	94.0	81.8	61.8	32.7	82.7	900
	09-11	100.0	100.0	96.3	85.1	70.9	54.7	39.3	24.7	9.2	63.6	900
	12-14	100.0	98.1	84.9	64.8	46.7	30.7	20.6	11.3	3.8	51.6	900
	15-17	100.0	98.1	88.0	69.7	50.7	34.6	23.4	13.2	5.3	53.9	900
	18-20	100.0	100.0	99.4	93.9	80.7	64.7	45.6	27.2	8.5	67.9	697
	21-23	100.0	100.0	100.0	99.2	93.6	83.5	64.7	43.8	17.8	76.3	897
TOTALS		100.0	99.5	96.1	89.0	79.8	68.5	54.7	38.0	16.9	70.1	7193

USAFETAC FORM 0-87-5 (OL A)
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03850 FT RUCKER AL

68-70,73-79

DEC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.1	96.0	83.4	64.0	45.1	22.4	76.8	930
	03-05	100.0	100.0	100.0	99.9	98.4	88.9	71.3	51.3	25.1	79.3	930
	06-08	100.0	100.0	100.0	99.9	97.8	89.0	72.9	51.3	24.4	79.4	930
	09-11	100.0	100.0	97.6	85.3	70.1	53.9	40.1	24.8	13.4	64.3	930
	12-14	100.0	98.6	80.8	61.4	46.3	34.7	22.5	14.6	7.3	52.3	929
	15-17	100.0	98.5	84.2	64.0	49.8	37.1	25.7	17.4	7.0	54.1	930
	18-20	100.0	100.0	99.1	90.9	73.4	56.3	41.0	29.4	9.4	65.7	926
	21-23	100.0	100.0	100.0	97.8	91.2	73.8	53.8	36.7	15.7	72.7	927
TOTALS		100.0	99.6	95.2	87.3	77.9	64.6	48.9	33.8	15.6	68.1	7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

C3850 FT RUCKER AL

68-70,73-80

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
J/N	ALL	100.0	99.6	96.0	89.4	78.8	66.1	53.0	39.0	20.3	70.1	7440
FEB		100.0	99.3	92.0	82.6	70.9	58.9	45.0	30.3	15.7	65.3	6767
MAR		100.0	99.7	94.3	86.5	76.2	64.4	52.3	38.9	19.7	69.2	7440
APR		100.0	99.7	93.4	82.6	71.1	58.7	45.7	31.1	15.4	65.7	7200
MAY		100.0	100.0	97.7	90.5	79.8	68.1	56.3	41.5	18.8	71.2	7440
JUN		100.0	100.0	98.6	93.7	82.8	68.2	55.4	39.5	13.2	70.9	7199
JUL		100.0	100.0	100.0	98.3	90.3	80.4	67.2	51.1	19.6	76.7	7439
AUG		100.0	100.0	99.8	98.3	91.5	79.8	66.7	50.3	15.8	76.1	7438
SEP		100.0	100.0	99.7	97.6	90.8	79.1	66.0	51.2	23.0	76.6	7198
OCT		100.0	100.0	97.3	89.8	78.9	66.1	52.8	36.6	12.6	69.2	7440
NOV		100.0	99.5	96.1	89.0	79.8	68.5	54.7	38.0	16.9	70.1	7193
DEC		100.0	99.6	95.2	87.3	77.9	64.6	48.9	33.8	15.6	68.1	7432
TOTALS		100.0	99.8	96.7	90.5	80.7	68.6	55.3	40.1	17.2	70.8	87626

USAFETAC

FORM
JUL 64

0-87.5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

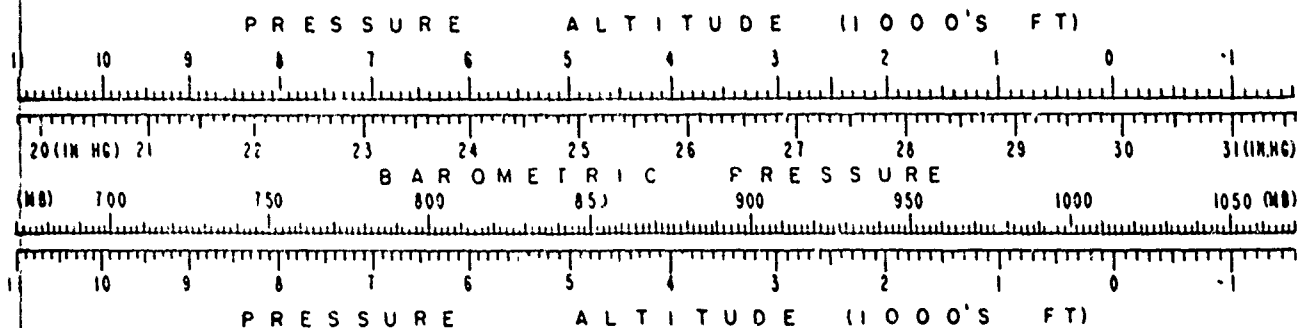
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

03850 FT RUCKER AL

68-70, 73-80

STATION		STATION NAME												YEARS													
HRS LST		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
C0	MEAN	29.80229.78829.71229.71029.65729.68029.70229.70729.68229.73329.78929.78929.729																									
	S D	.180 .165 .163 .143 .109 .087 .074 .079 .089 .116 .138 .169 .139																									
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 299 310 3651																									
C3	MEAN	29.79829.77429.69429.69329.64329.66729.68529.69029.66629.72329.77829.78429.716																									
	S D	.182 .168 .164 .147 .112 .087 .074 .079 .089 .119 .141 .170 .142																									
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 309 3651																									
C6	MEAN	29.81129.79729.72329.73029.67929.70129.71829.72329.69329.75429.80129.79529.743																									
	S D	.184 .172 .167 .150 .116 .087 .076 .081 .094 .120 .145 .176 .143																									
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310 3652																									
C9	MEAN	29.85429.83529.75929.75629.70129.71929.73929.74829.71829.78529.83629.83629.774																									
	S D	.187 .172 .170 .155 .116 .088 .078 .081 .104 .123 .149 .170 .148																									
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310 3652																									
12	MEAN	29.81329.80329.72829.72529.67329.69529.71629.72229.68829.74129.78829.78829.740																									
	S D	.184 .170 .165 .150 .113 .088 .076 .081 .092 .122 .145 .177 .143																									
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310 3652																									
15	MEAN	29.77029.74429.67129.67129.62629.65029.67229.67329.63929.69629.74729.74829.692																									
	S D	.184 .165 .159 .147 .110 .088 .076 .078 .087 .118 .139 .171 .140																									
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310 3652																									
18	MEAN	29.79229.75929.68129.67429.62529.64929.67129.67829.65029.71329.77029.77329.703																									
	S D	.183 .162 .161 .142 .107 .088 .074 .076 .086 .115 .136 .168 .141																									
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 299 308 3649																									
21	MEAN	29.81329.78829.71529.71229.66229.68529.70929.71829.68829.74529.79429.79529.735																									
	S D	.185 .163 .161 .142 .109 .086 .074 .077 .087 .114 .139 .165 .139																									
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 299 309 3650																									
ALL HOURS	MEAN	29.80729.78629.71029.70929.65829.68129.70129.70829.67829.73629.78829.78829.729																									
	S D	.185 .169 .166 .149 .114 .090 .078 .083 .094 .121 .143 .173 .144																									
	TOTAL OBS	2480 2256 2480 2400 2480 2400 2480 2480 2400 2480 2397 2476 29209																									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HBS FROM HOURLY OBSERVATIONS

03850 FT RUCKER AL

68-70,73-80

STATION		YEARS												ANNUAL
HRS	1ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
C0	MEAN	1020.51	1019.91	1017.21	1017.11	1015.21	1015.91	1016.61	1016.81	1016.01	1017.91	1019.81	1020.01	1017.7
	S D	6.237	5.696	5.591	4.897	3.778	2.926	2.522	2.628	3.002	3.961	4.767	5.822	4.832
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
C3	MEAN	1020.31	1019.41	1016.61	1016.51	1014.71	1015.51	1016.01	1016.21	1015.41	1017.51	1019.51	1019.8	1017.3
	S D	6.324	5.803	5.637	5.016	3.880	2.947	2.509	2.646	3.044	4.066	4.877	5.865	4.937
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
C6	MEAN	1020.81	1020.21	1017.61	1017.81	1016.01	1016.61	1017.21	1017.41	1016.41	1018.61	1020.31	1020.2	1018.2
	S D	6.369	5.928	5.736	5.186	3.997	2.969	2.573	2.691	3.225	4.125	5.018	6.091	4.954
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
C9	MEAN	1022.31	1021.61	1018.81	1018.61	1016.71	1017.21	1017.91	1018.21	1017.21	1019.61	1021.51	1021.6	1019.3
	S D	6.482	5.969	5.831	5.290	4.006	2.995	2.649	2.726	3.527	4.200	5.148	6.131	5.123
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	1020.81	1020.41	1017.81	1017.61	1015.71	1016.41	1017.11	1017.31	1016.21	1018.11	1019.61	1020.0	1018.1
	S D	6.370	5.884	5.658	5.136	3.889	2.967	2.582	2.723	3.126	4.193	5.003	6.091	4.940
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	1019.31	1018.41	1015.81	1015.71	1014.11	1014.91	1015.61	1015.71	1014.51	1016.61	1018.41	1018.6	1016.5
	S D	6.390	5.699	5.469	5.012	3.813	2.995	2.574	2.635	3.036	4.051	4.787	5.871	4.845
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
18	MEAN	1020.11	1018.91	1016.21	1015.81	1014.11	1014.91	1015.61	1015.81	1014.91	1017.21	1019.21	1019.5	1016.8
	S D	6.339	5.568	5.548	4.864	3.664	3.000	2.508	2.561	2.958	3.970	4.723	5.776	4.887
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	308	3649
21	MEAN	1020.81	1020.01	1017.31	1017.11	1015.41	1016.11	1016.81	1017.21	1016.21	1018.31	1020.01	1020.2	1017.9
	S D	6.395	5.594	5.514	4.840	3.750	2.939	2.523	2.584	2.956	3.921	4.810	5.706	4.816
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	299	309	3649
ALL HOURS	MEAN	1020.61	1019.91	1017.21	1017.01	1015.21	1015.91	1016.61	1016.81	1015.91	1018.01	1019.81	1020.0	1017.7
	S D	6.403	5.830	5.688	5.109	3.935	3.065	2.663	2.769	3.215	4.146	4.957	5.965	4.985
	TOTAL OBS	2480	2255	2480	2400	2480	2399	2480	2480	2400	2480	2397	2477	29208